

JVC LT-26B60BJ SERVICE MANUAL



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EXPLODED VIEW PARTS LIST

EXPLODED VIEW

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POWER P.W. BOARD ASS'Y (VE-20221280)

SWITCH P.W. BOARD ASS'Y (VE-20219781)

SIDE CONTROL P.W. BOARD ASS'Y (VE-20211052)

AV JACK P.W. BOARD ASS'Y (VE-20230006)

LED P.W. BOARD ASS'Y (VE-20211058)

HEADPHONE P.W. BOARD ASS'Y (VE-20224791)

PACKING

PACKING PARTS LIST

MAIN PWB CIRCUIT DIAGRAM

POWER PWB CIRCUIT DIAGRAM

AV JACK PWB CIRCUIT DIAGRAM

SIDE CONTROL PWB CIRCUIT DIAGRAM

LED PWB CIRCUIT DIAGRAM

HEADPHONE PWB CIRCUIT DIAGRAM

SWITCH PWB CIRCUIT DIAGRAM

MAIN PWB PATTERN

POWER PWB PATTERN

AV JACK PWB PATTERN

SIDE CONTROL PWB PATTERN

SWITCH PWB PATTERN

LED PWB PATTERN

HEADPHONE PWB PATTERN

Other ManualsLib Projects

JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

LT-26B60BJ, LT-26B60BU
LT-26B60SJ, LT-26B60SU

InteríArt

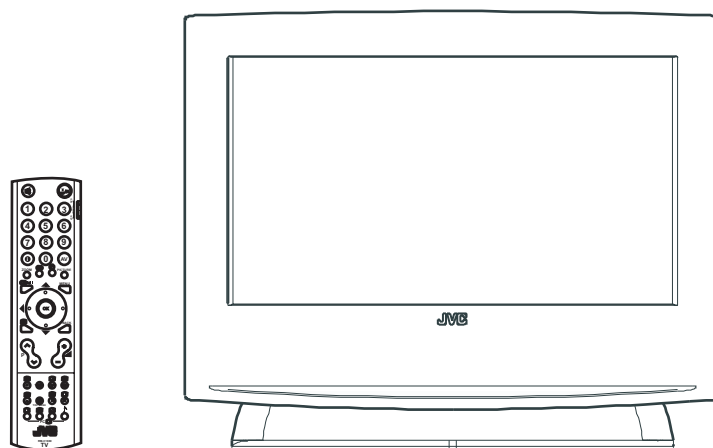


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SPECIFICATION

Items		Contents	
		LT-26B60SU LT-26B60BU	LT-26B60SJ LT-26B60BJ
Dimensions (W × H × D)		70.3cm × 57.8cm × 22.3cm [Included stand] 70.3cm × 52.3cm × 9.8cm [TV only]	
Mass		13kg [Included stand] 11.4kg [TV only]	
Power Input		AC220 ~ 240V 50Hz	
Power Consumption		140W (Standby: 3.0W)	
TV RF System		CCIR (B/G, DK, I, L)	
Colour System		PAL / SECAM / NTSC 3.58/4.43 [EXT only]	
Stereo System		A2 (B/G) / NICAM (B/G, I, L)	
Receiving Frequency	VHF UHF CATV	47 MHz - 470 MHz 470 MHz - 862 MHz S1 - S20 / S21 - S41	
Intermediate Frequency	VIF SIF	38.9 MHz (B/G, I, L) 33.4 MHz (5.5MHz : B/G) 32.9 MHz (6.0MHz : I) 32.4 MHz (6.5MHz : L)	
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43 MHz 4.40625 MHz / 4.25MHz 3.58 MHz / 4.43 MHz	
Teletext System		FLOF (Fastext level 2.5), WST(World Standard system) TOP (German system)	
LCD panel		26V-inch wide aspect (15:9)	
Screen Size		Diagonal : 60.0cm (H: 56.6cm × V : 34.0cm)	
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)	
Audio Power Output		8W + 8W(10% THD)	
Speaker		5.1cm × 12.7cm (×2)	
Aerial terminal (VHF/UHF)		F-type connector, 75Ω unbalanced, coaxial	
EXT-1 / EXT-2 (Input / Output)		21-pin Euro connector (SCART socket) × 2	
EXT-3 (Input)	Component Audio	Y:1V(p-p) Positive (Negative sync provided), 75Ω RCA pin jack × 1 Pb / Pr : 0.7V(p-p), 75Ω RCA pin jack × 2 500mV (rms), Low impedance, RCA pin jack × 2	
EXT-4 (Input)	S-Video Video Audio	Mini-DIN 4 pin × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), High impedance, RCA pin jack × 2	
PC (RGB) Input		D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4kHz / Vertical : 60Hz)	
PC AUDIO input		3.5mm stereo mini jack × 1	
Audio output		500mV (rms), Low impedance, RCA pin jack × 2	
Headphone		3.5mm stereo mini jack × 1	
Remote Control Unit		RM-C1860 (AA/R6 dry cell battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS [EXCEPT FOR UK]

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ($\perp$) side GND, the ISOLATED (NEUTRAL) : ($\equiv$) side GND and EARTH : ($\oplus$) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

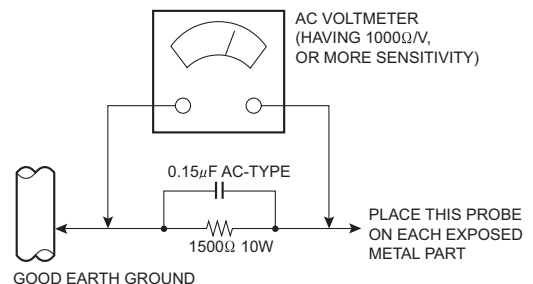
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 SAFETY PRECAUTIONS [FOR UK]

- (1) The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by () on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

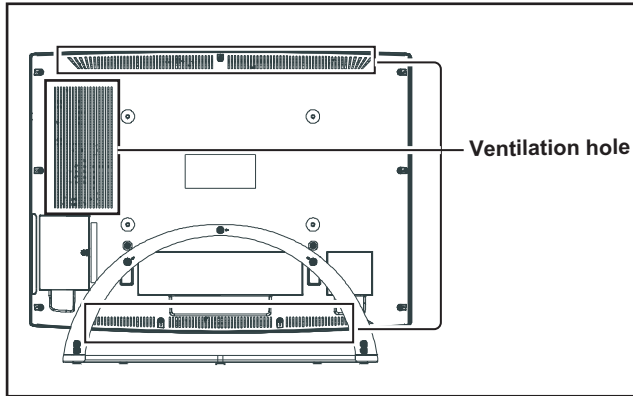
WARNING

- (1) The equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

1.3 INSTALLATION

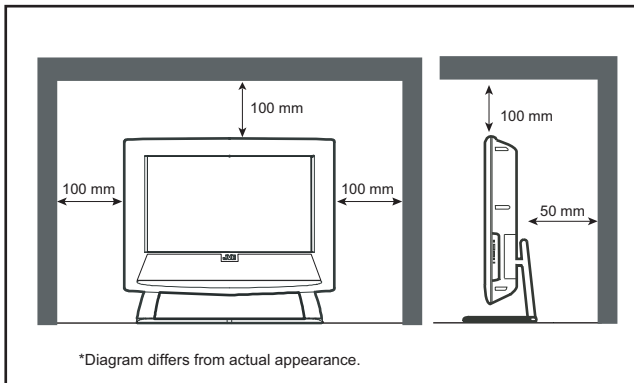
1.3.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



1.3.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



1.3.3 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.4 HANDLING LCD PANEL

1.4.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

- (1) **USE A SPECIAL PACKING CASE FOR THE LCD PANEL**
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.
- (2) **ATTACH PROTECTION SHEET TO THE FRONT**
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.
- (3) **AVOID VIBRATIONS AND IMPACTS**
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.
- (4) **DO NOT PLACE EQUIPMENT HORIZONTALLY**
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.4.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.4.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

T-V LINK

When you have a T-V LINK compatible VCR connected to the EXT-2 Terminal on the TV, it is easier to set up the VCR and to view videos.

ZOOM

This function can change the screen size according to the picture aspect ratio.

OFF TIMER

This function can set the TV to automatically turn off after a set time.

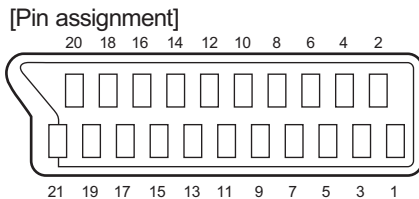
COLOUR SYSTEM

If the picture is not clear or no colour appears, change the current colour system to another colour system.

2.2 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal),, Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal),, High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal),, Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal),, High impedance	Used (L1)	Used (L2)
7	B input	700mV _(B-W) , 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	700mV _(B-W) , 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	1V _(P-P) (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	1V _(P-P) (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)



2.3 TECHNICAL INFORMATION

2.3.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.3.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications	Remarks
Displayed colour	16777216 colours	256 colours for R, G, and B
Brightness	450cd/m ²	
Contrast ratio	400: 1	
Response time	25ms	
View angle	Horizontally: 176°, Vertically: 176°	

2.3.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ FLICKER FAULT

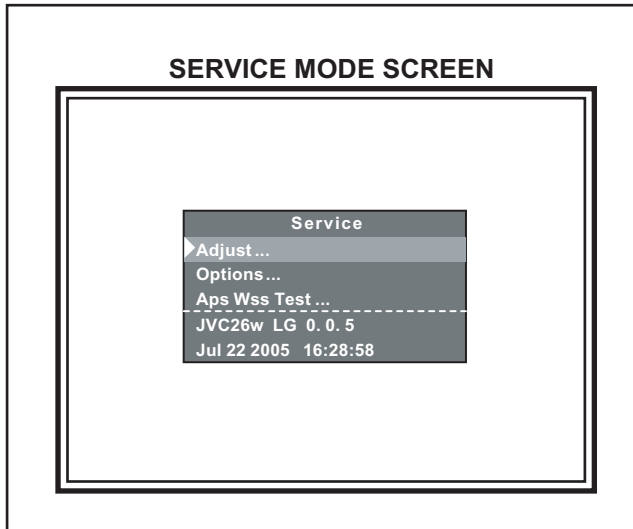
In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.4 BASIC OPERATION OF SERVICE MODE

2.4.1 HOW TO ENTER THE SERVICE MODE

- (1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.



2.4.2 HOW TO EXIT THE SERVICE MODE

Press the **[MENU]** key to exit the Service mode.

2.4.3 CHANGE AND MEMORY OF SETTING VALUE

■ SELECTION OF SETTING MENU & ITEM

- **[FUNCTION ▲/▼]** key : Select the SETTING MENU & ITEM
- **[OK]** key : Decision the SETTING MENU & ITEM

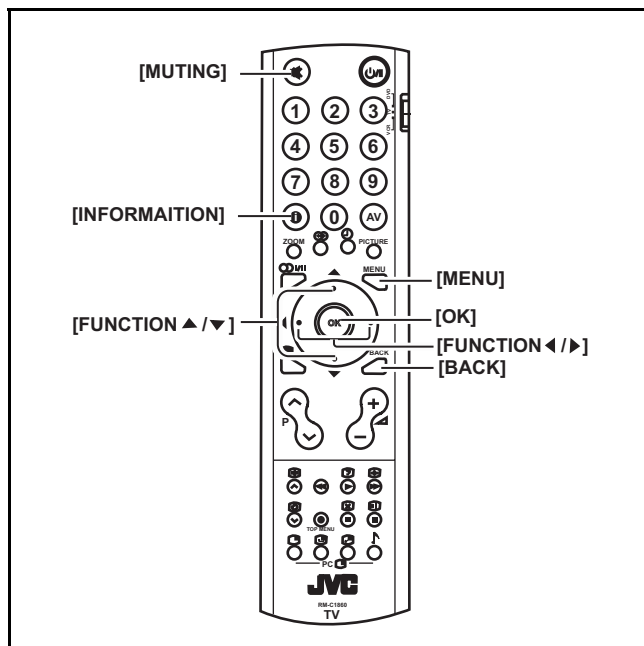
■ CHANGE OF SETTING VALUE (DATA)

- **[FUNCTION ◀/▶]** key.

■ MEMORY OF SETTING VALUE (DATA)

The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys

2.4.4 SERVICE MODE SELECT KEY LOCATION



2.4.5 SERVICE MODE SETTING ITEMS

Setting menu	Setting items	Contents
Adjust	Group	----
	Mode	----
	Col. Temp.	----
	Contrast	----
	Brightness	----
	Colour	----
	Sharpness	----
	Red	----
	Green	----
	Blue	----
	Aps Volume	----
Option 1	First APS	If ON, TV starts with APS menu at Start-up
	BG	----
	DK	----
	I	----
	L	----
	L'	----
	FM Prs Avl On	Adjusts the FM Prescaler value, when Automatic Volume Levelling is On
	Nicam Prs Avl On	Adjusts the Nicam Prescaler value, when Automatic Volume Levelling is On
	Scart Prs Avl On	Adjusts the Scart Volume value, when Automatic Volume Levelling is On
	Scart Volume Avl On	Adjusts the Scart Volume value, when Automatic Volume Levelling is On
Option 2	FM Prs Avl Off	Adjusts the FM Prescaler value, when Automatic Volume Levelling is Off
	Nicam Prs Avl Off	Adjusts the Nicam Prescaler value, when Automatic Volume Levelling is Off
	Scart Prs Avl Off	Adjusts the Scart Prescaler value, when Automatic Volume Levelling is Off
	Scart Volume Avl Off	Adjusts the Scart Volume value, when Automatic Volume Levelling is On
	Avl	Enable/disable Automatic Volume Levelling System
	Sound	----
	Carrier	----
	LDLY	----
	AGC	----
	Aps Wss Test	Programme
Aps Wss Test	VPS	----
	Pdc Format 1	----
	Pdc Format 2	----
	Name	----
	WSS	----

SECTION 3

DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

NOTE:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required.
- Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE FOOT ASSEMBLY

- (1) Remove the 3 screws [A].
- (2) Remove the 2 screws [B].
- (3) FOOT ASSEMBLY is depressed downward, and pulled out it toward you.
- (4) Remove the FOOT ASSEMBLY.

3.1.2 REMOVING THE BACK COVER

- Remove the FOOT ASSEMBLY.
 - (1) Remove the 9 screws [C].
 - (2) Remove the BACK COVER toward you.

3.1.3 REMOVING THE AV JACK BRACKET

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [D].
 - (2) Remove the AV JACK BRACKET.

3.1.4 REMOVING THE AV JACK PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
- Remove the AV JACK BRACKET
 - (1) Remove the 2 screws [E].
 - (2) Remove the AV JACK PWB.

3.1.5 REMOVING THE SIDE CONTROL PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [F].
 - (2) Remove the BUTTON FUNCTION with SIDE CONTROL PWB.
 - (3) Remove the 4 screws which is fixing the SIDE CONTROL PWB.
 - (4) Remove the SIDE CONTROL PWB

3.1.6 REMOVING THE HEADPHONE PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 1 screw [G].
 - (2) Remove the HEADPHONE JACK PWB.

3.1.7 REMOVING THE POWER SWITCH PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 4 screws [H].
 - (2) Remove the POWER SWITCH PWB.

3.1.8 REMOVING THE AV TERMINAL BRACKET

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [J].
 - (2) Remove the AV TERMINAL BRACKET.

3.1.9 REMOVING THE MAIN PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
- Remove the AV TERMINAL BRACKET.
 - (1) Remove the 6 screws [K].
 - (2) Remove the MAIN PWB.

3.1.10 REMOVING THE POWER PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 4 screws [L].
 - (2) Remove the MAIN PWB.

3.1.11 REMOVING THE LED PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [M].
 - (2) Remove the LED PWB.

3.1.12 REMOVING THE SPEAKER

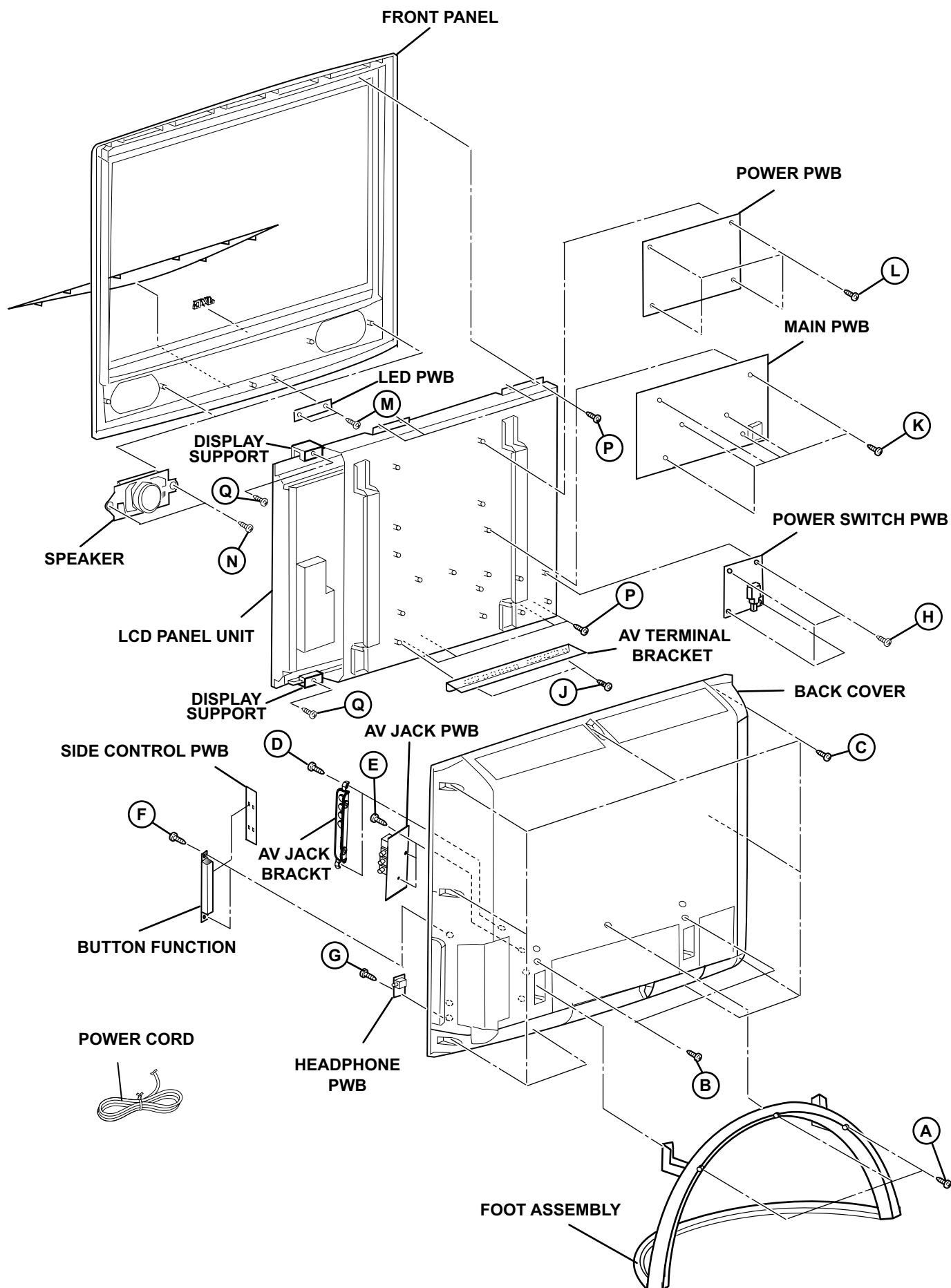
- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the speaker wire from speaker terminal.
 - (2) Remove the 2 screws [N].
 - (3) Remove the SPEAKER PWB.
 - (4) Remove the opposite speaker same steps.

3.1.13 REMOVING THE LCD PANEL UNIT

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
- Remove the POWER SWITCH PWB, MAIN PWB and POWER PWB.
 - (1) Remove the 8 screws [P].
 - (2) Remove the 2 screw [Q] fixing the DISPLAY SUPPORT and LCD PANEL UNIT.
 - (3) Slightly raise the both sides of the LCD PANEL by hand from the FRONT COVER.

NOTE:

- Pay special attention not to break or damage on the FRONT PANEL.
- The LCD PANEL UNIT is fixed to the FRONT COVER (at the back side) by using double-side adhesive tapes. To remove the LCD PANEL UNIT, remove the adhesive tape on the FRONT COVER slowly.



3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 SETTINGS OF FACTORY SHIPMENT

3.2.1.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
TV/AV	TV

3.2.1.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
ZOOM	AUTO

3.2.1.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item	Setting position
MODE	Bright
Contrast	33 Step
Bright-1	26 Step
Sharpness	11 Step
Colour	36 Step
Bright-2	7 Step
Colour Temp.	Cool
Noise Red.	Min

(2) SOUND

Setting item	Setting position
Volume	10 Step
Bass	16 Step
Treble	15 Step
Balance	16 Step
Hyper Sound	Off
Sound Mode	Mono

(3) FEATURES

Setting item	Setting position
Sleep Timer	Off
Child Lock	Off
Language	English
EXT-2 Output	TV
Blue Back	Off

(4) Install [TV MODE]

Setting item	Setting position
Colour System	Auto
Decorder(EXT-2)	On
VCR	Off

(5) Install [EXT MODE]

Setting item	Setting position
Colour System	Auto
VCR	Off

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

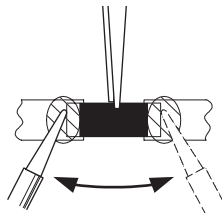
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

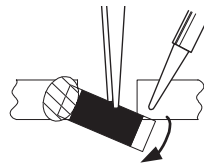
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

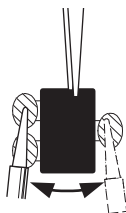


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



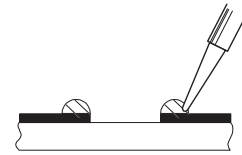
NOTE :

After removing the part, remove remaining solder from the pattern.

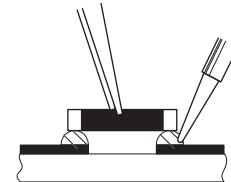
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

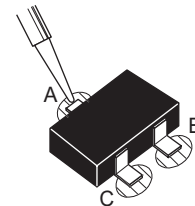


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

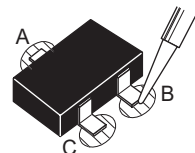


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA352)



Printed in Japan
VPT

JVC

InteriArt

LT-26B60BU
LT-26B60SU

WIDE LCD PANEL TV

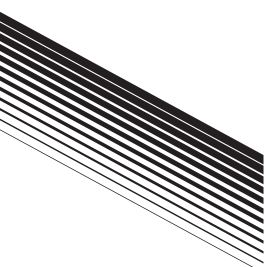
BREITBILD-LCD-TV
TÉLÉVISEUR À GRAND ÉCRAN LCD
TV A PIENO SCHERMO LCD

JVC



50074712

1004TKH-VT-VT



JOR COMPANY OF JAPAN, LIMITED

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For your safety

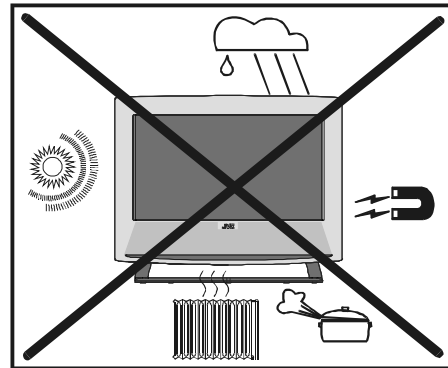
This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

Some “DOs” and “DON'Ts” for you Air Circulation...

Leave at least 10cm clearance around the television to allow adequate ventilation. This will prevent the TV from overheating and consequential possible damage to the TV. Dusty places should also be avoided.

Heat Damage...

Damage may occur if you leave the TV in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity, or locations where the temperature is likely to fall below 5°C (41°F).



DO ensure that the TV is not standing on the mains lead. DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance.

Hot / Moderate Climate Conditions

This device is suitable for working in hot and moderate climate conditions.

**IF IN DOUBT PLEASE CONSULT A
COMPETENT ELECTRICIAN.**

DO...

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions.

Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

DO NOT...

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, table-cloths, curtains etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources, such as lighted candles or night-lights on, or close to the equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch the equipment off and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

DON'T put the empty batteries into garbage instead of recycle bin to reduce harmful effects to the environment.

ABOVE ALL – NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case – this could result in a fatal electric shock.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

To fully disconnect the TV, switch off the mains socket and remove the Power plug.

*** Cold cathode fluorescent lamp in LCD PANEL contains a small amount of mercury, please follow local ordinances or regulations for disposal.*

“The LCD panel is very high technology product with about a million thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.”

Please note that certain light guns used with games consoles may not work on this product.

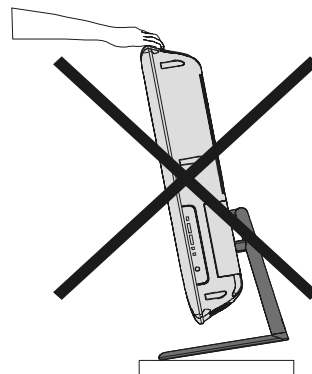
Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

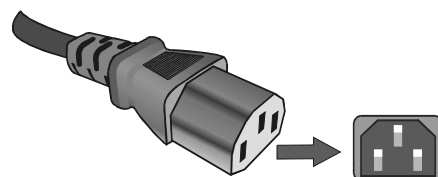
WARNING

- *Do not allow children to hang from the TV, place their elbows on the TV or lean against the TV. Doing so may cause the TV to fall over and lead to injuries.*



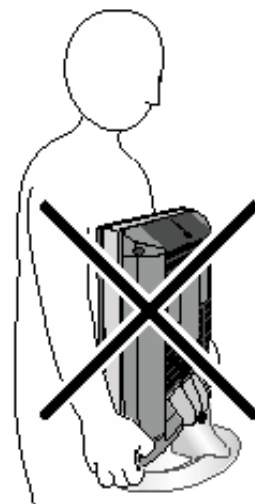
CAUTION:

- *To avoid electric shock or damage to the unit, first firmly connect the small end of the power cord to the rear of the TV and then plug the larger end of power cord into an AC outlet.*



CAUTION:

- *The TV screen may be damaged if the TV is carried as shown in the diagram.*
- The TV should always be carried by two people.*



Important Information

Please take note

EXCLUSION CLAUSE

JVC shall under no circumstances be liable for loss and/or damage to the product caused by:

- fire;
- earthquake;
- accidental damage;
- intentional misuse of the product;
- use of the product in improper conditions;
- loss and/or damage caused to the product whilst in the possession of a third party;
- any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
- any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall JVC be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

WARNING! NEVER LEAVE A STATIONARY IMAGE ON THE SCREEN

If stationary images generated by TELETEXT, CHANNEL IDENTIFICATION LOGOS, COMPUTER DISPLAYS, VIDEO GAMES, ON SCREEN MENUS, etc. are left on the TV screen for any length of time, they could become permanently ingrained.

If you use your television to display completely still images, or moving pictures which have a permanent still image superimposed e.g. broadcast network logos, it is always advisable to reduce BOTH the brightness and contrast settings.

Care and disposal

Cleaning the screen and cabinet...

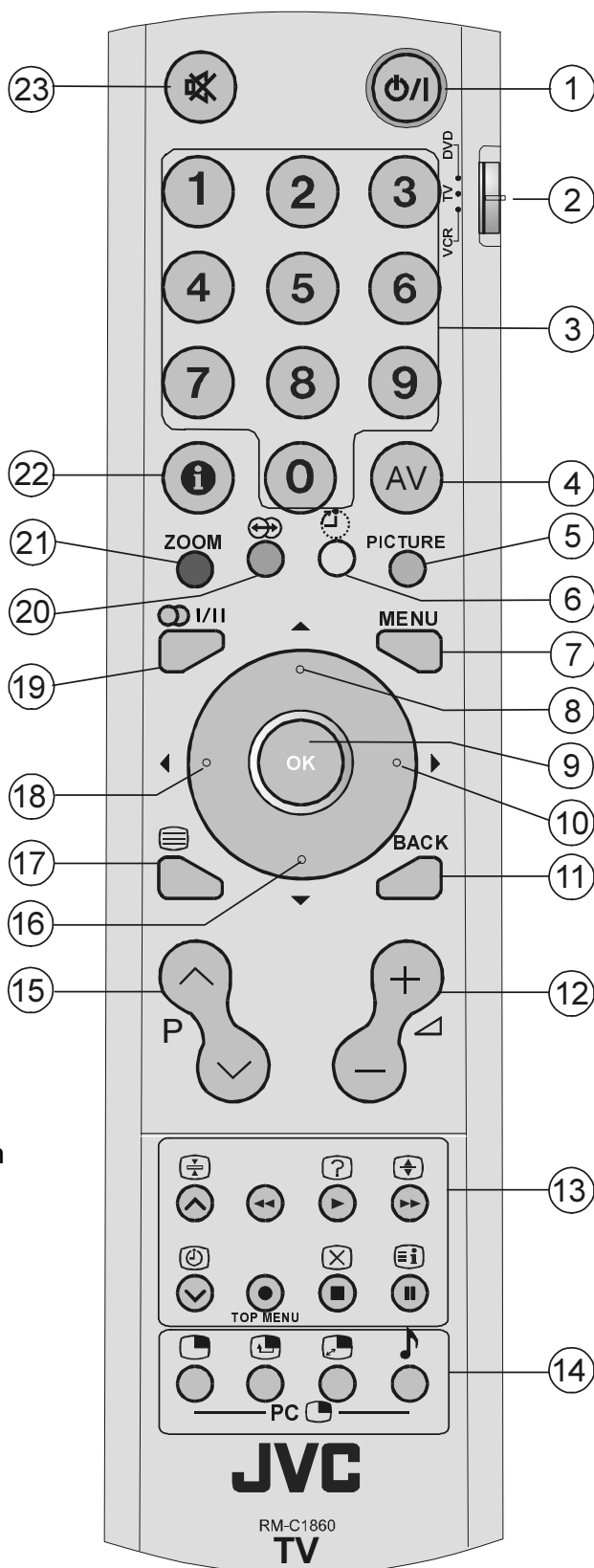
Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you do not use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Disposal...

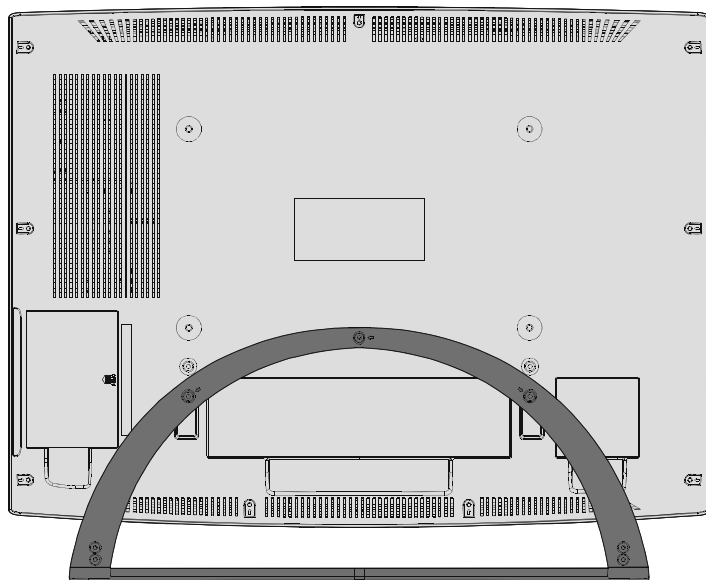
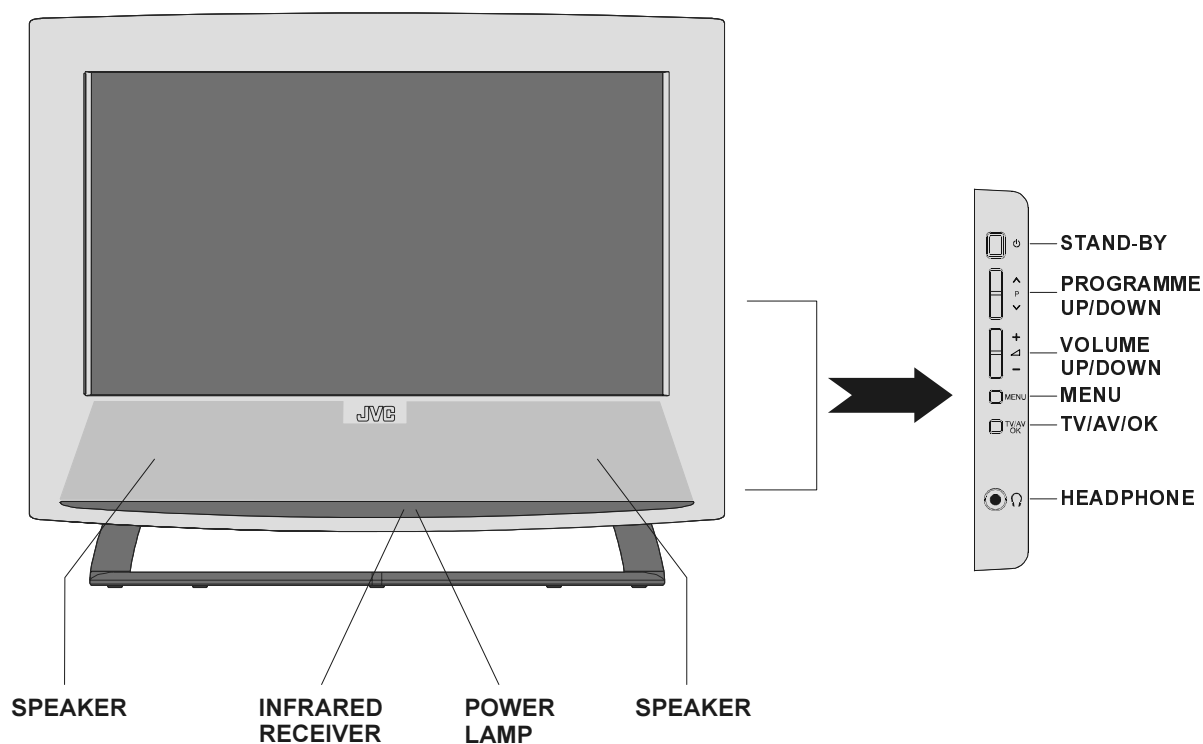
When the set reaches the end of its useful life please dispose of it in accordance with Local Government Regulations or at a recycling centre.

Remote Control Buttons

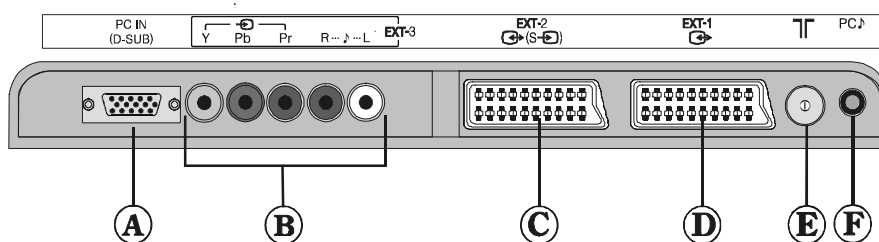
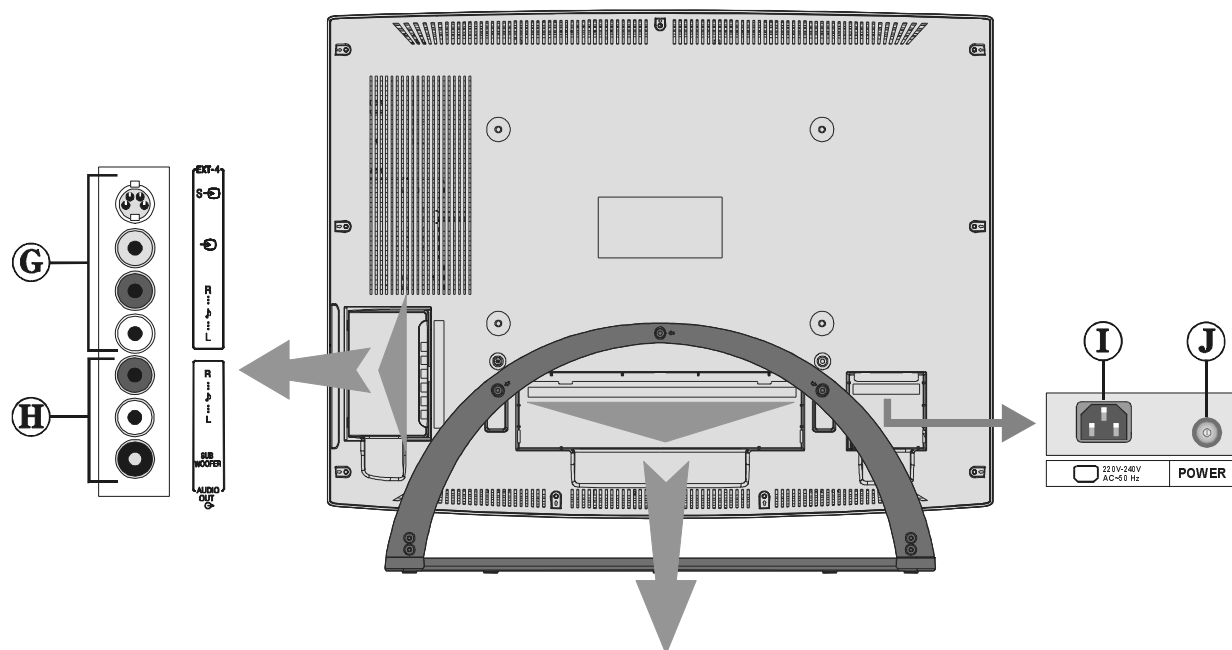
- ① = (Stand By) button
- ② TV / VCR / DVD Switch
- ③ Number buttons
- ④ **AV** button
(EXT-1, EXT-2, EXT-2S, EXT-3,
EXT-4, EXT-4S, PC)
- ⑤ **BLUE / PICTURE** Mode button
- ⑥ **YELLOW** / Sleep Timer button
- ⑦ **MENU** button
- ⑧ = Cursor Up button
- ⑨ **OK** button
- ⑩ = Cursor Right button
- ⑪ **BACK** button
- ⑫ = Volume + / - buttons
- ⑬ Teletext / VCR / DVD Control buttons
- ⑭ PC Control Buttons
- ⑮ / buttons
- ⑯ = Cursor Down button
- ⑰ = Teletext Button
- ⑱ = Cursor Left button
- ⑲ I/II = Stereo / Bilingual button
- ⑳ **GREEN** / Hyper Sound On/Off button
- ㉑ **RED / ZOOM** Mode button
- ㉒ = Information Button / T-V Link in
Programme Menu
- ㉓ = Mute button



Control Panel Buttons and Terminals

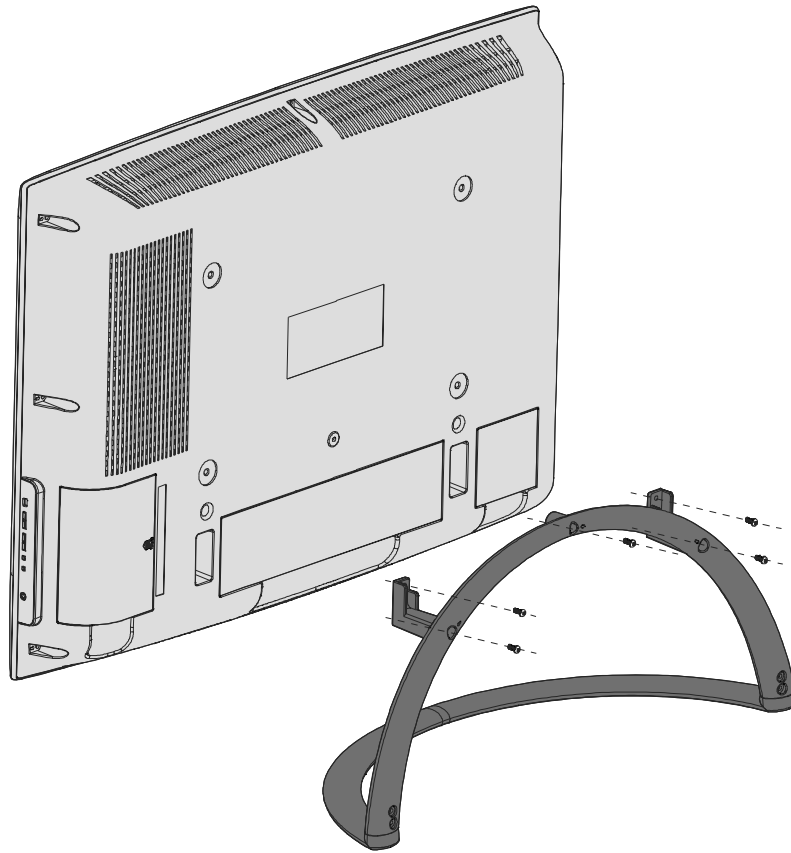


With certain combinations of connectors and leads the back cover may not be easily fitted. If the cover is left off, this in no way infringes safety requirements.



- | | | |
|---|-----------------------|--|
| ① | PC INPUT | |
| ② | EXT-3 | Y
Pb
Pr |
| ③ | EXT-2 | Component Audio In R
Component Audio In L |
| ④ | EXT-1 | |
| ⑤ | ANTENNA | S-Video In
Video In |
| ⑥ | PC AUDIO IN | Audio R
Audio L |
| ⑦ | EXT-4 | |
| ⑧ | AUDIO OUT
TERMINAL | Audio R
Audio L
Subwoofer Out |
| ⑨ | POWER CORD INPUT | |
| ⑩ | ON/OFF SWITCH | |

How to remove the stand



- Loosen the 5 screws that attach the stand to the TV.
- Gently pull the stand downwards to remove it.

Installing TV on the wall

WARNING

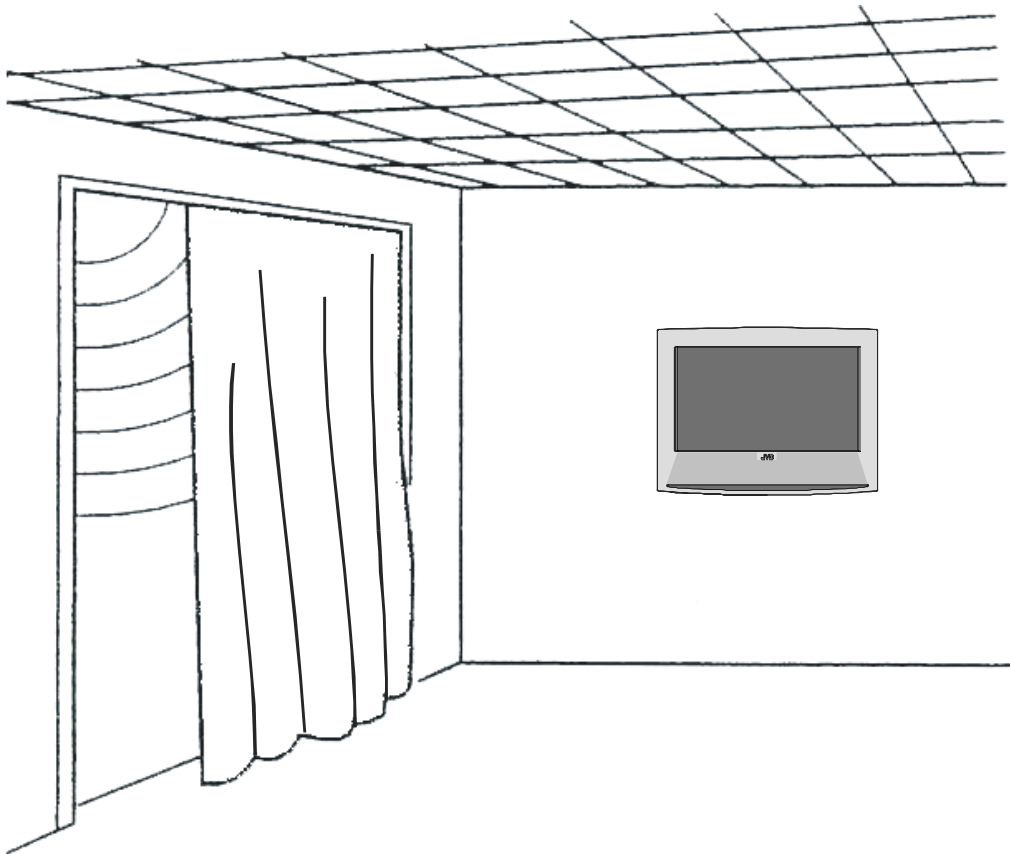
- When you install the TV on the wall, only use a JVC wall mounting unit (optional) which is designed for this TV.
- Make sure that the TV is installed on the wall by a skilled installer.

Locate the TV away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Place on a sturdy platform, the mounting surface should be flat and steady, it should then be secured to the wall with a sturdy tie using the hook on the back of the TV, this will prevent it from falling over. Use curtains or blinds to prevent direct sunlight falling on the screen.

A floor and table top stand are available for this television, or an angled bracket which enables the TV to be wall-mounted.

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

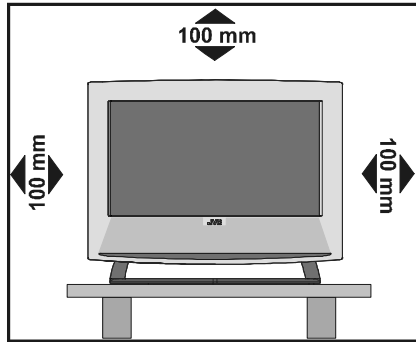
Make sure the TV is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen.



Preparation

Install Display on solid horizontal surface such as a table or desk.

For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set.



Features

- It is a remote controlled colour television and PC monitor.
- 100 programmes from VHF, UHF bands or cable channels can be preset.
- It can tune cable channels.
- Controlling the TV is very easy by its menu driven system.
- It has 2 pieces of Euroconnector sockets for external devices (such as video, video games, audio set, etc.)
- German+Nicam stereo sound system.
- Multilanguage OSD.
- Teletext (Fastext, 7 pages).
- It is possible to connect headphone.
- A.P.S. (Automatic programming system)
- All programmes can be named.
- Forward or backward automatic tuning.
- Sleep timer.
- Child lock.
- Auto, Full, Regular, Panoramic, 14:9 Zoom, 16:9 Zoom, 16:9 Zoom Subtitle modes.
- Automatic sound mute when no transmission.

- When no valid signal is detected, after 5 minutes the TV switches itself automatically to stand-by mode.
- NTSC Playback.
- PLL (Channel Search)
- TV Picture in PC (if PC input available).
- PC input (Support Up to 1366 x 768)
- Audio Lineout

Before Switching on your TV

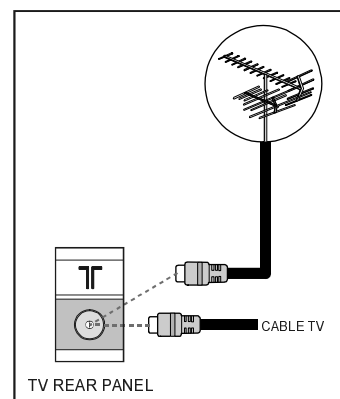
Power connection

IMPORTANT: The TV set is designed to operate on **220-240V AC, 50 Hz**.

- After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains.

Connections to the RF input socket

- Connect the aerial or cable TV plug to the RF input socket located at the back of the TV and connect the cable plug coming out from the TV out socket located at the devices (VCR, DVB etc.) to this socket as well.



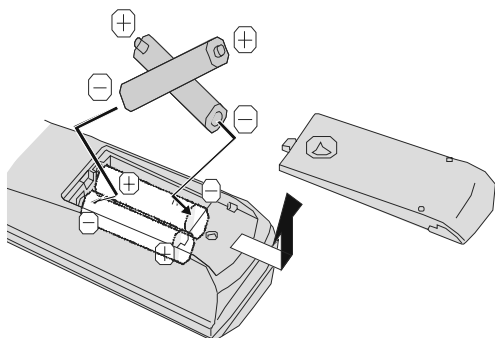
How to connect other devices

IMPORTANT: Switch off the TV before connecting any external device.

Sockets for external connections are at the back of the TV. For connection of other devices via Euroconnector refer to the manuals of the related devices.

Inserting batteries in the remote control handset

- Remove the battery cover located on the back of the handset by gently pulling downwards from the indicated part.
- Insert two AA/R6 dry cell or equivalent type of batteries inside.
- Replace the battery cover.



NOTE: Remove the batteries from remote control handset when it is not to be used for a long period. Otherwise it can be damaged due to any leakage of battery.

Old batteries must be disposed in a designated area. If performance of the remote control reduces, replace the batteries with the correct type. Do not combine a used, old battery or a new one or mixed battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment.

Switching the TV ON/OFF

To switch the TV on

Your TV will switch on in two steps:

- 1- Connect the power cord to the system. Press the On/Off switch at the rear of the TV. Then the TV switches itself to stand-by mode and the power lamp becomes red located on the front of the TV.
- 2- To switch on the TV from stand-by mode either:

Press the “ / I” button on the remote control or on the right side of the TV

or,

Press a digit button on the remote control so that a programme number is selected,

or,

Press “**P**” or “**P**” buttons on the remote control or on the right side of the TV, so that last switched off programme is selected.

Either way the TV will switch on and the power lamp will become green.

To switch the TV off

- Press the “ / I” button on the remote control or on the right side of the TV, so the TV will switch to stand-by mode and the power lamp will become red.

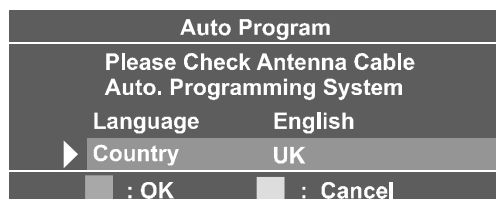
NOTE: To switch the TV off completely, press the On/Off switch at the rear of the TV or remove the mains plug from the socket.

Initial Settings

First A.P.S. (Automatic Programming System)

When you turn the TV on for the first time, the first APS menu appears.

APS, searches and sorts all channels and stores them automatically on your TV, according to the transmission of programme systems in your area.



To cancel APS before starting, press BLUE button.

First of all choose the **"Language"** which the menus of the TV will appear. As soon as you change the language, the menu items will be displayed in the selected language. By pressing the **"▲"** or **"▼"** button, come to the **"Country"** item and select the country. This will affect the sort process in APS. Press Red button to start A.P.S.

After APS is finalized, a programme list will appear on the screen. In the programme list you will see the programme numbers and names assigned to the programmes.

If you press the BLUE button at any time while the A.P.S. is running, the A.P.S. will be ended.

If you do not accept the locations and / or the programme names of programmes, you can change them in Program menu. For details see **Program Menu** on page 18.

If you do not have a T-V Link compatible VCR, press MENU button to exit the menu.

If you have a T-V Link compatible VCR connected to the EXT-2 terminal, press **"i"** button to display T-V Link menu. Then follow the operating procedure **"Downloading data to VCR"** in the following T-V Link section.

T-V Link

When a T-V Link compatible VCR connected to the EXT-2 terminal on the TV, it is easier to set up the VCR and to view videos. T-V Link uses the following features:

To use T-V Link functions

A **"T-V Link compatible VCR"** means a JVC video cassette recorder with the T-V Link logo, or with one of the following logos. For details see your VCR instruction manual.

"Q-LINK" (A trademark of Panasonic Corporation)

"Data Logic" (A trademark of Metz Corporation)

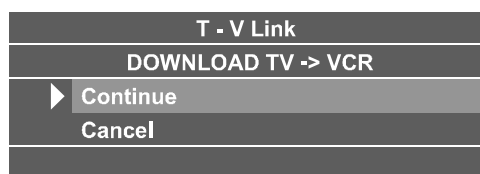
"Easy Link" (A trademark of Philips Corporation)

"Megalogic" (A trademark of Grundig Corporation)

"SMARTLINK" (A trademark of Sony Corporation)

Downloading data to VCR:

The VCR will automatically download the registered data on the TV channels from the TV. This means you do not need to set up the programme channels on your VCR manually. The **"T-V Link"** menu will be displayed when you press the **"i"** button while **Program** menu is displayed.



If you do not have a T-V LINK compatible VCR, select Cancel and press **"▶"** or **"OK"** button to exit the menu.

Press **"▶"** or **"OK"** button to start downloading data to VCR. **"TRANSFER"** is displayed in the menu.



If **"FEATURE NOT AVAILABLE"** is displayed, download was not performed correctly. Before trying to download again, check that:

- The VCR power is turned on.
- The VCR is T-V Link compatible.
- The VCR is connected to the EXT-2.
- The scart cable is fully wired.

Direct REC:

You can easily record to VCR the images that you are watching on the TV. For details, read the manual for your VCR. Use your VCR controls. You can not carry out Direct REC using your TV control.

When the VCR is not ready (For example when there is no tape inserted), **"NO RECORDING"** is displayed. In the following situations, the VCR will stop recording if the TV is turned off, if the TV channel or input is changed, or if the menu is displayed on the TV:

- When recording images from an external device connected to TV (For example camcorder).
- When recording a TV channel after it has been unscrambled on a decoder.
- When recording a TV channel by using the TV's output because the VCR's own tuner can not properly receive that channel.

TV autopower on/VCR image view:

When the VCR starts playing, the TV automatically turns on and images from EXT-2 appear on the screen.

This function does not happen if your TV's main power is turned off. Set your TV's main power to on (StandBy Mode).

Operating the TV

You can operate your TV using both the remote control handset and onset buttons.

Volume setting and programme selection can be made by using the buttons at the control panel on the right side of the TV.

Operating with the buttons on the TV

Volume Setting

- Press " -" button to decrease volume or " +" button to increase volume, so a volume level scale (slider) will be displayed at the middle of the bottom on the screen.

Programme Selection

- Press "**P**" button to select the next programme or "**P**" button to select the previous programme.

Switching input mode

- Pressing TV/AV/OK button will change the input mode.

Entering Main Menu

- Press **"MENU"** button to enter Main menu. In the Main menu select submenu using "**P**" or "**P**" button and enter the submenu using " -" / " +" or TV/AV/OK button. To learn the usage of the menus, refer to the Menu System sections.

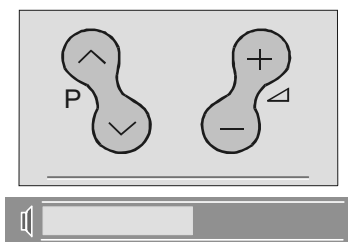
Operating with Remote Control

The remote control handset of your TV is designed to control all the functions of the model you selected. The functions will be described in accordance with the menu system of your TV.

Functions of the menu system are described in following sections.

Volume Setting

Press " +" button to increase volume. Press " -" button to decrease volume. A volume level scale (slider) will be displayed in the middle at the bottom of the screen.



Programme Selection (Previous or next programme)

- Press “P▼” button to select the previous programme.
- Press “P▲” button to select the next programme.

Programme Selection (direct access):

Press digit buttons on the remote control handset to select programmes between 0 and 9. TV will switch to the selected programme. To select programmes between 10 - 99, press the digit buttons consecutively which programme you want to select (eg. for programme 27, first press 2 and then 7). When it is late to press second digit button only the first digit programme will be displayed. The limit of the delay time is 3 seconds.

Example: PR6 → press 6,

PR12 → press 1 and 2

Press directly the programme number to reselect single digit programmes.

Hint: The channel list numbers are assigned by the broadcasters. Because not all channels are broadcast free-to-air and stored by the receiver, the channel list numbers do not run continuously. The fifteenth channel in the list, for example, may not be channel number 15 but channel number 17.

Menu System

Your TV has been designed with a menu system to provide an easy manipulation of a multi-function system. The TV is controlled by choosing the commands, which are displayed on the screen.

MAIN MENU

Press the “MENU” button. The main menu will be displayed in the middle of the screen.



To select a sub-menu use “▲” or “▼” button, and press “◀” or “▶” button or directly press “OK” button.

In EXT-1, EXT-2, EXT-3 and EXT-4 modes, main menu appears the same as in TV mode but without Program sub-menu.

Menu does not disappear automatically if it is left on the screen.

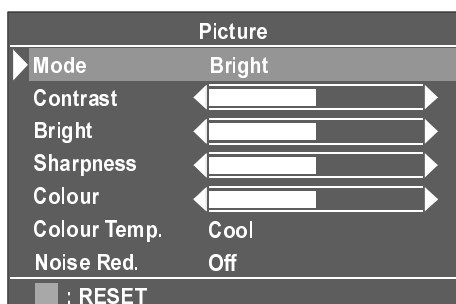
- Press the “MENU” button again to remove menu.
- Press the “BACK” button to return to the previous menu.

Picture Menu

Press “MENU” button, now you are in main menu. In the Main menu, select “Picture” using “▲” or “▼” button, then enter the Picture menu by pressing “◀” / “▶” or “OK” button.

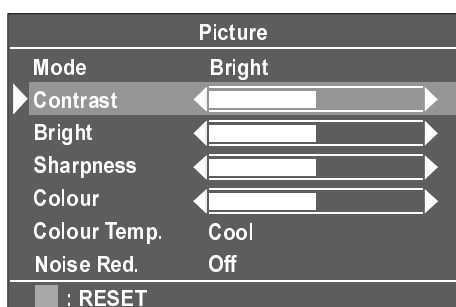
Setting Mode

- As you enter the picture menu, **Mode** will be the first item.
- By pressing “◀” or “▶” button you may choose one of these options:
Soft, Standard and Bright.



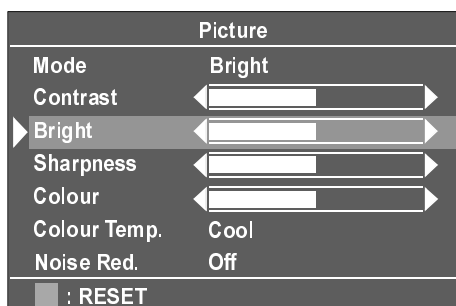
Setting Contrast

- Using “▲” or “▼” button select **Contrast**.
- Press “▶” button to increase contrast level.
- Press “◀” button to decrease contrast level.



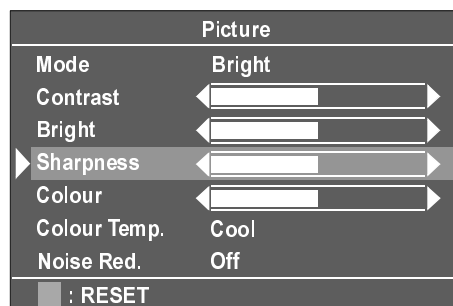
Setting Bright

- Using “▲” or “▼” button select **Bright**.
- Press “▶” button to increase brightness.
- Press “◀” button to decrease brightness.



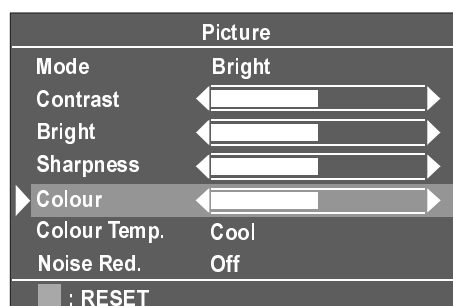
Setting Sharpness

- Using “▲” or “▼” button select **Sharpness**.
- Press “▶” button to increase sharpness level.
- Press “◀” button to decrease sharpness level.



Setting Colour

- Using “▲” or “▼” button select **Colour**.
- Press “▶” button to increase colour level.
- Press “◀” button to decrease colour level.



Setting Colour Temp.

- Using “▲” or “▼” button select **Colour Temp.**
- Press “◀” or “▶” button to select “**Warm**”, “**Cool**” or “**Normal**”.

Setting Noise Reduction

- Using “▲” or “▼” button select **Noise Red.**
- Press “◀” or “▶” button to select Noise Reduction level “**Off**” or “**Minimum**” or “**Medium**” or “**Maximum**”.

Note 1:

At low signal level, the changings on the Noise Reduction function are not effective when there is menu on the screen. If the menu is removed, the effect of this function is seen. At normal broadcasting, Noise Reduction changings are effective at once.

Note 2:

At moving pictures, while Noise Reduction is at maximum level, some picture distortions may occur. If Noise Reduction is set to medium or minimum, the picture will improve.

Setting Hue

During Playback NTSC system, this will appear in AV mode only when NTSC video source is applied. Otherwise, Hue option is invisible in Picture menu in TV mode :

- Using “▲” or “▼” button select **Hue**.
- Press “▶” button to increase hue level.
- Press “◀” button to decrease hue level.

Reset

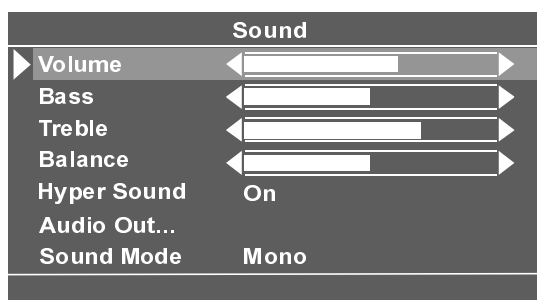
Press BLUE button to reset the picture modes to factory default settings.

To Store the Settings

In the **Picture** Menu, all settings are stored automatically.

Sound Menu

As you enter the main menu, sound will be the second item. In the main menu, select **Sound** using “▲” or “▼” button, then enter the sound menu by pressing “◀” / “▶” or “OK” button.



Setting Volume

As you enter the sound menu, **Volume** will be the first selected option.

- Press “▶” button to increase volume.
- Press “◀” button to decrease volume.

Or you can directly change the volume settings using “▲ +” (to increase) or “- ▼” (to decrease) button.

Setting Bass Level

- Using “▲” or “▼” button select **Bass** Level.
- Press “▶” button to increase bass level.
- Press “◀” button to decrease bass level.

Setting Treble Level

- Using “▲” or “▼” button select **Treble**.
- Press “▶” button to increase treble level.
- Press “◀” button to decrease treble level.

Setting Balance

It allows adjusting the distribution between the left and right speakers.

- Using “▲” or “▼” button select **Balance**.
- Press “▶” button to change balance rightward.
- Press “◀” button to change balance leftward.

Hyper Sound

- Using “▲” or “▼” button select **Hyper Sound**.
- Pressing “◀” or “▶” button will turn this feature on or off.

Pseudo/spatial effect can be turned on or off via the Hyper Sound item in the Sound menu or by remote control. In Mono transmission the left and right channels will be added at left channel and dummy stereo effect will be introduced to end-user.

In stereo transmission it yields a phase difference between left and right channels. Hyper Sound selection will be displayed on the screen when the TV Status button is pressed or programme is changed.

To Change Audio Out Settings

Audio Out is a sub-menu of Sound menu.

Use this settings to adjust volume for audio out terminal which is located at the right side of the TV.

- Using “▲” or “▼” button select **Audio Out**.
- Press “◀” or “▶” button or directly press “OK” button on **Audio Out**, to enter the Audio Out menu.



Audio Out Volume

- As you enter the Audio Out sound menu, **Volume** will be the only option.

- Press “▶” button to increase volume.
- Press “◀” button to decrease volume.

Selecting Sound Mode

- Using “▲” or “▼” button select Sound Mode.
- Press “◀” or “▶” button to change Sound Mode.

You can choose **Mono**, **Stereo** or **Dual (I-II)** mode, only if the selected channel supports that Sound Mode.

You can also change sound mode directly pressing “I-II” button on your remote control.

To Store The Settings

In the **Sound** Menu, all settings are stored automatically.

Feature Menu

Press “**MENU**” button, now you are in main menu. In the main menu, select **Feature** using “▲” or “▼” button. Then enter the Feature menu by pressing “◀” / “▶” or “**OK**” button.

Feature	
▶ Sleep Timer	Off
Child Lock	Off
Language	English
EXT-2 Output	TV
Blue Back	Off

Sleep Timer

The **Sleep Timer** is used to turn the TV off after a defined period of time after selecting this item. The timer can be programmed between Off and 120 minutes in steps of 10 minutes. (Off, 010, 020, 030, 040, ... , 120)

If sleep timer is activated, at the end of the selected time, the TV goes automatically to stand-by mode.

Child Lock

You can use this feature to prevent children turning the TV on/off or changing programmes or adjustments etc. without remote control.

- Using “▲” or “▼” button select **Child Lock**.
- Press “◀” / “▶” button to select Child Lock On or Off.

When **Off** is selected, there will be no difference in the operation of your TV. When **On** is selected, the TV can only be controlled by the remote control handset. In this case the control panel buttons except “⏻” button on the right side of the TV will not work.

Selecting Menu Language

- Using “▲” or “▼” button select **Language**.
- Press “◀” or “▶” button to select menu language.

EXT-2 Output

From EXT-2 Output; **TV**, **EXT-1** or **EXT-4** can be given. These modes can be chosen by pressing “◀” or “▶” button on “**EXT-2 Output**”.

Feature	
Sleep Timer	Off
Child Lock	Off
Language	English
▶ EXT-2 Output	TV
Blue Back	Off

Blue Back (During No Signal)

The **Blue Back** Feature can be set by “◀” or “▶” button to either **On** or **Off**.

To Store Settings

In **Feature** menu all settings are stored automatically.

Install Menu

Press “**MENU**” button, now you are in main menu. In the main menu, select “**Install**” using “▲” or “▼” button. Then enter the Install menu by pressing “◀” / “▶” or “**OK**” button.

Install	
▶ Programme	P 02
Band	C
Channel	02
Colour System	Auto
Sound System	BG
Fine Tuning	◀-----+-----▶
Search	048.25
Decoder(EXT-2)	Off
VCR	Off
Store	

In EXT mode, Install menu appears like this:

Install	
► Colour System	Auto
VCR	Off

You can change only Colour system and VCR.

Selecting Programme

- Using “▲” or “▼” button select **Programme**.
- To select programme number, you can use “◀” / “▶” button or Digit Buttons.

Selecting Band

Band, can be chosen either,

- “C” or “S” by “◀” or “▶” button.

Selecting Channel

Channel can be changed by “◀” or “▶” button or by Digit Buttons.

Selecting Colour System

Using “◀” or “▶” button on **Colour System**, you can change the colour system to **PAL**, **SECAM** or **Auto**.

Note: In EXT mode, you can choose NTSC 3.58 and NTSC 4.43 as well.

Selecting Sound System

Using “◀” or “▶” button on **Sound System**, you can change the standard to **BG**, **DK**, **I**, **L**, **Lp**.

Selecting Fine Tuning

You can use the Fine Tuning process for fine adjustment (after coarse adjustment), if you are not happy about the image on the screen.

Use “◀” or “▶” button on **Fine Tuning** item, until getting the best image on the screen.

Selecting Search

To start the search process, press “▶” button for forward search or “◀” button for backward search. If a signal is found or reaches to end of the band after searching, press “◀” or “▶” buttons to continue search process. To stop the search process when you want, press “◀” or “▶” buttons at any time.

Decoder(EXT-2)

You can use this mode to connect any decoder to your TV.

- Press the “◀” or “▶” buttons to set it “On” or “Off”.

When you select **Decoder(EXT-2)** “On”, EXT-2 output will be chosen as TV mode only and any scrambled channels will be unscrambled through decoder connected your TV via EXT-2 output.

Setting VCR (Video Cassette Recorder) Mode

- This item can be seen in **TV**, **EXT-1**, **EXT-2**, **EXT-3** and **EXT-4** modes.
- If you want to watch a **VCR** source from one of these modes, then it will be better to set **VCR** mode “on”. For this, while the cursor is on this item press the “◀” or “▶” buttons to set it “On”.
- If you want to watch a **DVD**, then you must set this item “off”; because **DVD** is not a source like a **VCR** and to see the picture better, you must set the **VCR** mode “Off”.

To Store Settings

- Press “◀” / “▶” or “OK” button on **Store** option to store Install menu settings.
- After stored, T-V Link menu will appear. If you do not need to do T-V Link, select Cancel and press “▶” or “OK” button to exit the menu.

Program Menu

Press “**MENU**” button, now you are in main menu. In the main menu, select “**Program**” using “▲” or “▼” button. Then enter the Programme menu by pressing “◀” / “▶” or “OK” button.

Note: There is no Program menu in any EXT modes.

Program		P01
▶ 01	BBC	11
02	RTL	12
03	XXXXX	13
04	-----	14
05	-----	15
06	-----	16
07	-----	17
08	-----	18
09	-----	19
10	-----	20
Name		Insert
Delete		Autostore
i : T-V Link		

Program Menu is used to delete a channel, to change the programme number of a channel, to give a channel name to a channel, and to start the A.P.S (Autostore) function.

To choose a channel in the Program menu

Press ▲ / ▼ / ◀ / ▶ buttons.

Caution:

Using "Delete" or "Insert" function rewrite the current channel list in the Program menu. Therefore, the programme numbers of some of channels will change.

When you complete the settings of Program menu:

If you have a T-V Link compatible VCR, press "i" button to display the T-V Link menu. Then follow the operating procedure "Downloading the data to VCR"

T - V Link	
DOWNLOAD TV -> VCR	
▶	Continue
	Cancel

If you do not have a T-V Link compatible VCR, select Cancel and press "▶" or "OK" button to exit the menu.

To give a channel name (Name):

1. Choose the channel you want to give a channel name.
2. Press the RED button to enter the Name mode.
3. Press "◀" or "▶" button to choose the position and press "▲" or "▼" button to choose

each character of channel name.

4. Press the RED button to store the channel name.

- To cancel the Name mode, press the BLUE button.

To delete a channel (Delete):

1. Choose the channel you want to delete.
 2. Press the YELLOW button to enter the Delete mode.
 3. Press the YELLOW button to delete it.
- To cancel the Delete mode, press the BLUE button.

To change the programme number of a channel (Insert)

1. Choose the channel you want to change the programme number.
2. Press the GREEN button to enter the Insert mode.
3. Press ▲ / ▼ / ◀ / ▶ buttons to choose new programme number.
4. Press the GREEN button to insert the channel to the chosen programme number.

Autostore:

To enter Autostore menu, press the BLUE button. To learn the features of this function see "Autostore" below.

Autostore, searches and stores all channels automatically on your TV, according to the transmission of programme systems in your area.

Warning	
All Prestored Programmes Will Be Deleted	
▶ Country	UK
OK	Cancel

First of all choose the "Country" by using "◀" or "▶" button.

After Autostore is finalized, a programme list will appear on the screen. In the program list you will see the programme numbers and names assigned to the programmes.

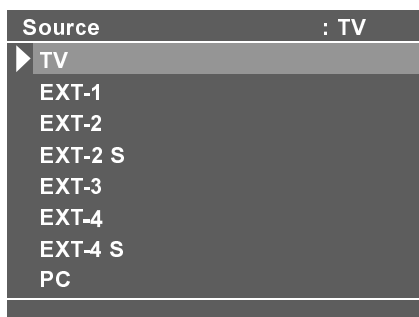
If you do not accept the locations and/or the programme names of programmes, you can change them in **Programme** menu.

Source Menu

You can switch your TV to EXT modes by pressing directly to “**AV**” button or by selecting in source menu from the main menu.

While in EXT mode, you can also switch your TV to TV or other EXT modes by selecting in source menu from the main menu.

In main menu, firstly use “▲” or “▼” button then use “◀” / “▶” or “OK” button to enter Source menu. In source menu, move the cursor by “▲” or “▼” button and then press “OK” button or “◀” / “▶” buttons when the cursor is on the required item. The selected mode comes automatically on the screen.



Other Features

TV Status

Programme Number, Programme Name (or **EXT**), (they are displayed on the upper left of the screen). The **sound indicator** is displayed with them too. They are displayed after programme change for 3 seconds.

Sound Indicator

The alternatives of the indicator are Mono, Stereo, Dual I and Dual II. This indicator is displayed under the programme number indicator on the screen. “**I-II**” button is used to select Mono or Stereo, or Dual I or Dual II.

Mono

In Mono broadcast or in forced-mono (for stereo broadcast).

Stereo

In Stereo broadcast.

Dual I

If dual broadcast detected. Dual I is selected in default and also can be selected after Dual II by Remote Control.

Dual II

If Dual II is selected by Remote Control.

Hyper Sound

By selecting Hyper Sound in sound menu or by pressing the “⊕⊖” button on your remote control, Pseudo/Spatial effect can be turned on or off. In Mono transmission the left and right channels will be added at left channel and dummy stereo effect will be introduced to end-user.

In stereo transmission it yields a phase difference between left and right channels. Hyper Sound selection will be displayed on the screen when the TV Status button is pressed or programme is changed.



Picture Mode

Picture mode OSD is displayed when BLUE button is pressed. Picture mode can be changed to standard, soft, and bright.

Sleep Timer

Sleep Timer mode OSD is displayed when YELLOW button is pressed.

The Sleep Timer is used to turn the TV off after a defined period of time after selecting this item. The timer can be programmed between Off and 120 minutes in steps of 10 minutes. (Off, 010, 020, 030, 040, ... , 120)

If sleep timer is activated, at the end of the selected time, the TV goes automatically to stand-by mode.

Mute Indicator

It is placed in the upper middle of the screen when enabled, and it stays there until it is disabled.



To cancel mute, there are two alternatives; the first one is by pressing the "X" button, this volume is set to the preceding value, and the second one is increasing or decreasing the volume level.

No-Signal Detection (TV mode)

If no valid signal detected, it takes 5 minutes to switch to the Stand-By mode unless any signal detected or any Remote Control command is accessed.

After a Remote Control command (if No-Signal Timer is active) the timer stops and if no signal detected again the timer is initialized to 5 minutes and starts 3 seconds later again to count down.

It is not valid in EXT modes.

No-Signal and Out Of Range Detection (PC mode)

In PC Mode, as no menu is displayed, in case that there is no PC input to the TV, it is displayed an OSD message:

No input signal detected

then the TV will turn to be in PC standby mode. In PC standby mode, the green lamp blinks.

Press "AV" button, digit buttons or "P V" / "P ^" buttons to exit standby mode.

In PC Mode, if the resolution and the vertical frequency is not supported by the concept, it is displayed an OSD message:

Signal out of range

Volume Bar

It is displayed in the lower middle of the screen. When a volume command is received (pressing "▲ +" or "▲ -" by Remote Control or Control panel on the right side of the TV) and no menu is active, it stays on the screen for 3 seconds, after the last volume command or until another command is received in between.



EXT Modes

By pressing the "AV" button you can switch your TV to EXT modes (except being in Tele-text). Pressing this button consecutively will switch the TV in one of the optional EXT modes: EXT-1, EXT-2, EXT-2 S, EXT-3, EXT-4, EXT-4 S and PC.

In order to quit the EXT mode press any digit buttons or "P V" or "P ^".

Zoom Modes

Zoom mode can be changed by pressing the Red button. You can change the screen size according to the picture aspect ratio. Select the optimum one from the following **ZOOM** modes.

AUTO:

When a **WSS (Wide Screen Signalling)** signal, which shows the aspect ratio of the picture, is included in the broadcast signal or the signal from an external device, the TV automatically changes the **ZOOM** mode to **16:9 ZOOM** mode, **PANORAMIC** or **FULL** mode according to the **WSS** signal.

- When the **AUTO** mode does not function correctly due to poor **WSS** signal quality or when you want to change the **ZOOM** mode, change to another **ZOOM** mode manually.

Using the different screen formats

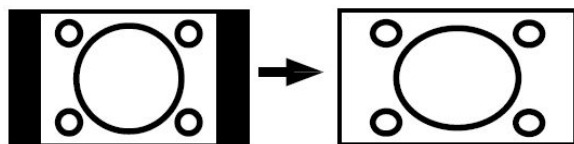
Press the Red button to select the different modes: **AUTO**, **FULL**, **REGULAR**, **PANORAMIC**, **14:9 ZOOM**, **16:9 ZOOM**, **16:9 ZOOM SUBTITLE** modes.

You can change the position of the picture in Zoom modes, except Full and Regular modes, by pressing the “▲” or “▼” button.

Note: You can only choose **REGULAR** and **FULL** in **PC** mode.

FULL:

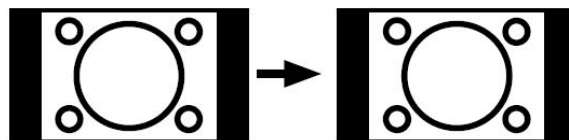
This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen.



- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the **FULL** mode to restore the picture to its original shape.

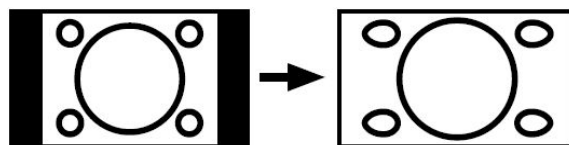
REGULAR:

Use to view a normal picture (4:3 aspect ratio) as this is its original shape.



PANORAMIC:

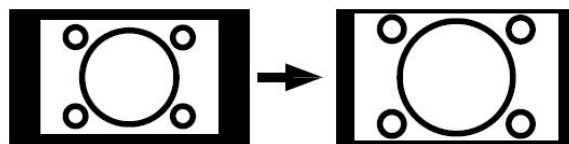
This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural.



The top and bottom of the picture are slightly cut off.

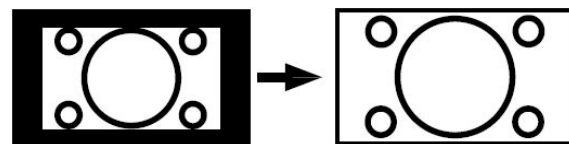
14:9 ZOOM:

This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen.



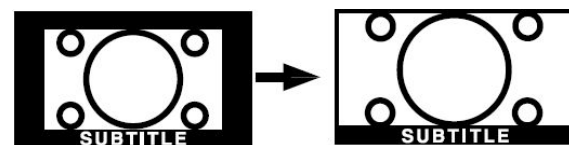
16:9 ZOOM:

This zooms up the wide picture (16:9 aspect ratio) to the full screen.



16:9 ZOOM SUBTITLE:

This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen.

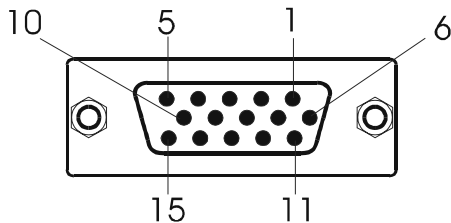


PC Mode

Installation

- Power off both Computer and Display before making any connections.
- Set your PC's resolution correctly before connecting to the TV. See the table in **page 29** for supported modes.
- Use a D-SUB cable to connect the TV's PC input to the computer's RGB output terminal. If you want to listen to the sound from the computer, use an audio cable to connect the PC AUDIO IN to the computer's sound output terminal.

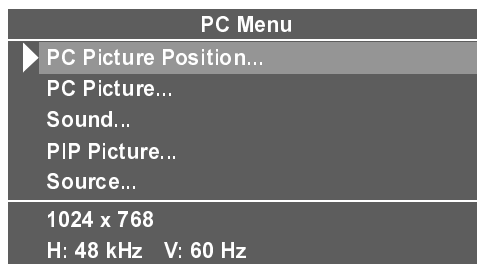
15 Pin Mini D-Sub Connector



- Tighten the screws of the Display cable until the connectors are fastened securely (finger-tighten only).

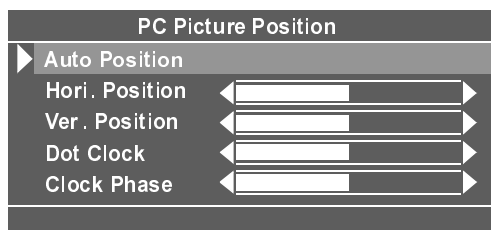
Main Menu in PC mode

Enter the main menu by pressing the **"MENU"** button on the remote control.



PC Picture Position Menu

In the Main menu, select **"PC Picture Position"** using **"▲"** or **"▼"** button, then enter the menu by pressing **"◀"** / **"▶"** or **"OK"** buttons.



Auto Position

If you shift the picture horizontally or vertically to an unwanted position, use this item to put the picture into correct place automatically.

- Select Auto position item by using **"▲"** or **"▼"** buttons.
- Press **"OK"** button.
- Press **"MENU"** button or **"BACK"** button to store the value.

Warning: Auto position adjustment recommended to be done with the full screen image for the proper adjustment.

Horizontal Position

This item shifts the image horizontally to right hand side or left hand side of the screen.

- Select Hor. Position item by using **"▲"** or **"▼"** button.
- Use **"◀"** or **"▶"** button to adjust the value.
- Press **"MENU"** button or **"BACK"** button to store the value.

Vertical Position

This item shifts the image vertically towards the top or bottom of the screen.

- Select Ver. Position item by using **"▲"** or **"▼"** button.
- Use **"◀"** or **"▶"** button to adjust the value.
- Press **"MENU"** button or **"BACK"** button to store the value.

Dot Clock

Dot Clock adjustments correct interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.

- Use **"◀"** or **"▶"** button to adjust the value.

Clock Phase

Depending on the resolution and scan frequency that you input to the TV Set, you may see a muddy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method.

- Use **"◀"** or **"▶"** button to adjust the value.

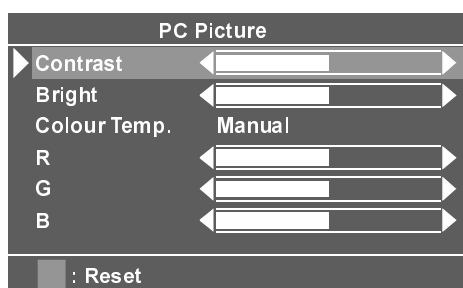
PC Picture Menu

In the Main menu, select “**PC Picture**” using “▲” or “▼” button, then enter the PC Picture menu by pressing “◀” / “▶” or “OK” buttons.

Contrast, Bright-1 and Colour Temperature adjustments in this menu are identical to adjustments defined in TV picture menu.

R, G and B adjust the TV image colour in PC mode. You can change the TV colour to your desired colour: R (Red), G (Green), B (Blue)

Press the BLUE button to reset the PC picture settings to default factory settings.



Sound Menu

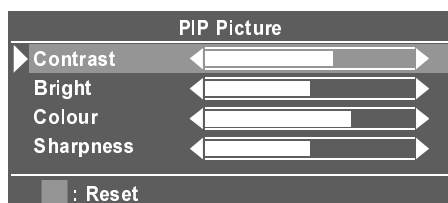
In the main menu select “**Sound**” using “▲” or “▼” button, then enter the Sound menu by pressing “◀” / “▶” or “OK” buttons.

The items in this menu are described at Sound menu starting **page 16**.

PIP Picture

In the Main menu, select “**PIP Picture**” using “▲” or “▼” button, then enter the PIP Picture menu by pressing “◀” / “▶” or “OK” buttons.

This menu is displayed when PIP is displayed on the screen and otherwise “PIP No Signal” message will be displayed at the bottom of menu.



PIP picture is displayed on the screen with “” button. PIP position is changed by “” button. There are four different PIP positions.

PIP size is changed by “” button. Two different PIP sizes are available.

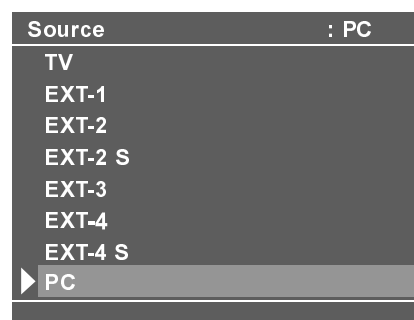
Programme in the PIP window is increased / decreased by “**P**▼ / **P**▲”, digit buttons or AV button. All EXT modes (except EXT-3) are also available in PIP window. PIP window is removed from the screen by “” button.

Press the BLUE button to reset the PIP picture settings to default factory settings.

The items in this menu are described at Picture menu starting page 14.

Source Menu

In the Main menu, select “**Source**” using “▲” or “▼” button, then enter the Source menu by pressing “◀” / “▶” or “OK” buttons.



Select the available sources of TV, EXT-1, EXT-2, EXT-2 S, EXT-3, EXT-4, EXT-4 S or PC using “▲” or “▼” button and by pressing “◀” / “▶” or “OK” buttons.

Sound in PC mode

- Connect the PC's Audio output to the TV's **PC Audio In** socket with an audio cable.
- On your remote control, use “” button to select sound source from TV, EXT-1, EXT-2, EXT-3, EXT-4 and PC options.
- When PIP is displayed on the screen, “” allows you to switch sound between PC and selected PIP source.

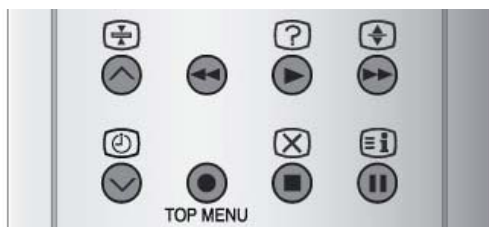
Teletext

Teletext is an information system that displays text on your TV screen. Using the Teletext information system you can view a page of information on a subject that is available in the list of contents (index).

On screen display is not available in text mode. Contrast, brightness or colour control is not available, but volume control is available in text mode.

To operate Teletext

- Select a TV station on which Teletext is being transmitted.
- Press (TELETEXT) “” button. Usually the list of contents (index) is displayed on the screen.



To select a page of Teletext

- Press the appropriate digit buttons for the required Teletext page number.

The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.

- Press “**P** ” button to move the Teletext screen forward one page at a time.
- Press “**P** ” button to move the Teletext screen backward one page at a time.

To Select Index Page

- To select the page number of the index (generally page 100), press “” button.

Searching for a teletext page while watching TV

- In the Teletext mode pressing “” button will switch the screen to the TV mode. In the TV mode enter a page number using digit

buttons. The page will be searched and the page number will be displayed on the upper left corner of the screen when the selected page is found. Now you can display this teletext page by pressing “” button.

To Select Double Height Text

- Press “” button for the top half of the information page to be displayed in double height text.
- Press “” button again for the bottom half of the information page to be displayed in double height text.
- Press “” button once more for the full page of normal height text.

To Reveal “concealed” Information

- Pressing “” button once will reveal answers on a quiz or games page.
- Pressing “” button again will conceal the revealed answers.

To Stop Automatic Page Change

The teletext page you have selected may contain more information than what is on the screen; the rest of the information will be displayed after a period of time.

- Press “” button to stop the automatic page change.
- Press “” button again to allow the next page to be displayed.

To Select a Subcode Page

Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.

- Select the required Teletext page.
- Press “” button.
- Select the required subcode page number by pressing four digit buttons (e.g. 0001).
- If the selected subcode page is not displayed in a short time, press “” button. TV programme will be displayed on the screen.
- Teletext page number will be displayed on the upper left corner of the screen when the

selected page is found.

- Press “” button to display the selected Teletext page.

To exit Teletext

- Press “” button. The screen will switch to TV mode.

Fastext and Toptext

Your TV supports the 7 page Teletext system. When the page number of any of the 7 pages in memory is entered, the system will not search for the requested page; instead it will display the page automatically.

- Press “**P**” button to move the Teletext screen forward one page at a time.
- Press “**P**” button to move the Teletext screen backward one page at a time.

For Fastext and Toptext

The subject-heading for the information may have a particular colour.

- Press an appropriate **RED**, **GREEN**, **YELLOW** or **BLUE** button in order to reach the relevant page quickly.

For TOPTTEXT

If Toptext transmission is present, colour coded buttons will appear in status row.

If Toptext transmission is not present, status row will not appear.

In Toptext mode the “**P**” or “**P**” commands will request the next or previous page respectively. If Toptext transmission is not available, in case of operation of these commands, wraparound occurs. For example page 100 appears to be one greater than page 199.

Peripheral Equipment Connections

There is a wide range of audio and video equipment that can be connected to your TV.

Connection diagrams at the end of this section show you where the different equipment should be connected at the back side of the TV.

Via the Euroconnector

Your TV set has 2 Euroconnector sockets. If you want to connect peripherals (e.g. video, decoder, etc.) which have Euroconnectors, to your TV, use **SCART** input.

If an external device is connected via the Euroconnector socket, the TV is switched to AV mode automatically. In this case if both sockets are connected **SCART1** has the precedence.

T-V Link compatible VCR

Be sure to connect the T-V Link compatible VCR to the **EXT.2** terminal. If not, the T-V Link function will not work properly.

- When connecting a T-V Link compatible VCR to the **EXT.2** terminal, be sure to connect the decoder to the VCR. If not, the **T-V Link** function may not work properly. And then set the **DECODER(EXT-2)** function for the channel to **ON** to unscramble a scrambled channel.

RGB mode

If an equipment can output the **RGB** signals, connect it to the **EXT-1** or **EXT-2** terminal.

EXT-2 S Mode

If the equipment connected to your TV set supports S-Video (Y/C) output from Euroconnector, you can have a better picture quality by selecting **EXT-2 S** mode and connecting your equipment to the **EXT.2 (EXT-2 S)** terminal of TV. See your equipment's booklet to check if your equipment has such feature.

Via the RCA jacks

If you have an equipment (such as a Camcorder) which has the RCA jacks, connect it to the **EXT-4** terminal with the video and audio cables.

If you have a device which outputs component signal, connect it to the EXT-3 terminal with a component video cable.

Via the ANT (aerial) socket

If your equipment does not have an Euroconnector or RCA jacks, connect it to the TV with an aerial cable. For details, see the manual provided with the equipment.

- To store the test signal that comes from the equipment, see “Install Menu” on **page 17** and store it to the program number 0. You can watch images from that equipment to select the program number which you stored the test signal.

Decoder

Cable TV offers you a wide choice of programmes. Most of them are free, others are to be paid for by the viewer. This means that you will need to subscribe to the broadcasting organisation whose programmes you wish to receive. This organisation will supply you a corresponding decoder unit to allow the programmes to be unscrambled.

For further information ask your dealer. See also the booklet supplied with your decoder.

Connect a decoder with an aerial socket to the TV

- Connect the aerial cable.

Connect a decoder without an aerial socket to the TV

- Connect the decoder to your TV with a eurocable (RCA Jack Cable) to **EXTERNAL** (RCA Jack) (optional). When your decoder has a Euroconnector / RCA Jack you can obtain better picture quality if you connect a eurocable (RCA Jack Cable) to **EXTERNAL** (RCA Jack) (optional).

TV and Video Recoder (VCR)

- Connect the Video Recorder to the ANT (antenna input) socket of the TV with the aerial cable.
- Connect the Video Recorder to the **EXT-1** or **EXT-2** terminal with the SCART cable, or connect it to the **EXT-4** terminal with the audio and video cables.

NTSC Playback

Connect a NTSC video recorder to a terminal. Then press “AV” button to select the corresponding AV mode.

NTSC 3.58/4.43 system is detected automatically in AV mode.

Camera and Camcorder

To connect to the EXT-4 terminal

Connect your camera or camcorder at the back side of your TV.

- Connect your equipment to the TV via **VIDEO** (yellow), **AUDIO R** (red) and **AUDIO L** (white) inputs. You should connect the jacks to the input in the same colour.

Connect the decoder to the video recorder

Some video recorders have a special euroconnector for decoder.

- Connect an eurocable to the euroconnector of your decoder and to the special euroconnector of your video recorder. See also the handbook of your video recorder.
- To connect your video recorder to the TV, see TV and Video Recorder section.

If you want to connect more equipment to your TV, consult your dealer.

Connecting Headphones

Use the stereo headphone socket on the right side of your TV, to connect headphones.

Connecting the PC

Connect PC monitor with 15-pin PC cable to the 15-pin connector on the rear of the computer. For detailed installation procedure see **Installation** in PC mode.

To connect to S-Video input

Connect your camera or camcorder at the back side of your TV.

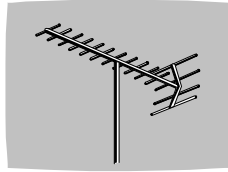
- Connect your equipment to the TV via S-Video input at the back side by using S-Video cables.

Antenna Connections

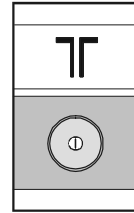
Outdoor Antenna Connections

VHF antenna

Method 1



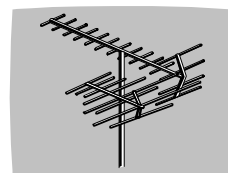
Round 75 ohm coaxial cable



Rear of TV

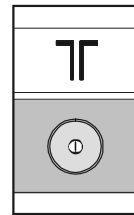
VHF/UHF antenna

Method 2



Flat 300-ohm twin lead cable

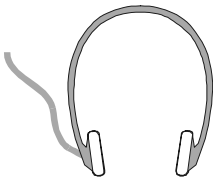
Round 75-ohm coaxial cable



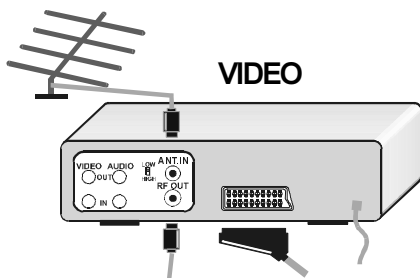
Rear of TV

Peripheral Equipment Connections

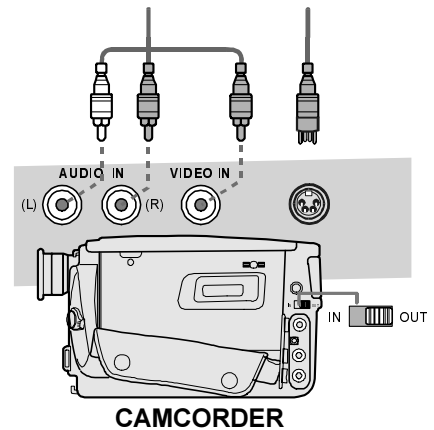
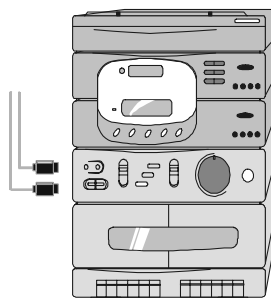
HEADPHONE



VIDEO

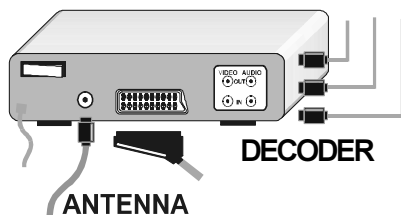


AUDIO



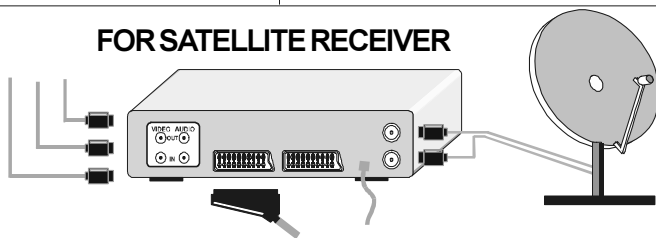
CAMCORDER

DECODER



ANTENNA

FOR SATELLITE RECEIVER



PC Input Typical Display Modes

The display has a maximum resolution of 1360 x 768, vertical sync. frequency range of 50-75 Hz and a horizontal sync. frequency range of 30-69 KHz.

The following table is an illustration of some of the typical video display modes.

<i>Mode</i>	<i>Resolution</i>		<i>Frequency</i>	
	<i>Horizontal</i>	<i>Vertical</i>	<i>Hor. (kHz)</i>	<i>Ver. (Hz)</i>
1	640	400	31.5	70
2	640	480	31.5	60
3	640	480	37.9	72
4	640	480	37.5	75
5	720	400	31.5	70
6	800	600	35.2	56
7	800	600	37.9	60
8	800	600	48.1	72
9	800	600	46.9	75
10	1024	768	48.4	60
11	1024	768	56.5	70
12	1024	768	60.0	75
13	1280	720	44.6	60
14	1280	768	47.6	60
15	1360	768	47.6	60

The native resolution of the TFT-LCD Panel is 1366 x 768. Therefore using Mode 15 is advised to get the best PC input display quality.

Tips

Can not turn the TV on?

Check that TV/VCR/DVD switch is set to TV position.

TV may go to standby mode when you turn the TV on soon after you turn the TV off. If you can turn the TV on again, it is not a problem.

Can not turn the TV off?

Check that TV/VCR/DVD switch is set to TV position.

Care of the Screen

Clean the screen with a slightly damp, soft cloth. Do not use abrasive solvents as they may damage the TV screen coating layer.

Colors of image on screen are abnormal

Have you selected the correct TV system? Is your TV set or house aerial located too close to the loudspeakers, non-earthed audio equipment or neon lights, etc. ?

Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial.

Is the picture or Teletext unrecognisable? Check if you have entered the correct frequency.

The picture quality may degrade when two peripherals are connected to the TV at the same time. In such a case, disconnect one of the peripherals.

No Image on Display Screen

Is the aerial connected properly? Are the plugs connected tightly to the aerial socket? Is the aerial cable damaged? Are suitable plugs used to connect the aerial? If you are in doubt, consult your dealer.

No Image means that your TV is not receiving any transmission. Have you pressed the correct buttons on the remote control? Try once more.

PC Picture

If no PC picture appears, check that the D-SUB cable is connected properly. Check that your PC's resolution set correctly. See **page 29** for supported modes.

Sound

You can not hear any sound. Did you perhaps interrupt the sound by pressing "~~X~~" button? Are external speakers connected to the TV?

Sound is coming from only one of the speakers. Is the balance set to one direction extreme? See **Sound** menu.

Remote Control

If your TV no longer responds to the remote control, perhaps the batteries are exhausted. Replace the batteries.

Have you selected the wrong menu? Press "**MENU**" button to return to normal screen or press "**BACK**" button to return to the previous menu.

No solution

Switch your TV set off and on. If this does not work, switch off, remove the mains plug and call the service personnel; never attempt to repair it yourself.

Specifications

Item	Model	LT-26B60BU	LT-26B60SU
Broadcasting Systems		PAL SECAM BG, DK, I, L, Lp	
Channels and Frequencies		VHF (VL) 46,25 MHz - 168,25 MHz VHF (VH) 175,25 MHz - 463,25 MHz UHF 471,25 MHz - 863,25 MHz Cable TV (S1-S20/ S21-S41)	
Input Signal		Video: Analog 0,7 Vp-p 75 ohm positive Sync: TTL Level positive or negative, Seperate sync.	
Horizontal Timing		30 - 69 KHz	
Vertical Timing		50 - 75 KHz	
Dot Rate		78.75 MHz max.	
Panel Size		26" (600 mm) (measured diagonally)	
Visible Picture Size		566 mm horizontal x 340 mm vertical	
Display Resolution		1366 x 768 max. (WXGA)	
Number of Preset Channels		100	
Channel Indicator		On Screen Display (OSD)	
RF Aerial Output		75 Ohm (unbalanced)	
Power Requirements		220-240 V AC, 50 Hz	
Power Consumption (W)		140 W (max) / STANDBY <3W	
Sound Systems		German, Nicam Stereo	
Audio Output		2 x 8 W _{RMS} (%10 THD)	
EXT-1 Terminal		Euroconnector (21-pin, SCART 1) (back of the cabinet) • Video Input, Audio L/R Inputs and RGB inputs are available. • TV broadcast outputs (Video and Audio L/R) are available.	
EXT-2 Terminal		Euroconnector (21-pin, SCART 2) (back of the cabinet) • Video Input, S-VIDEO (Y/C) input, Audio L/R and RGB inputs are available. • Video and Audio L/R outputs are available. • T-V Link functions are available.	
EXT-3 Terminal		RCA connectors x 5 (back of the cabinet) • Component video (Pr, Pb, Y) inputs and Audio L/R inputs are available.	
EXT-4 Terminal		RCA connectors x 3 (side of the cabinet) S-VIDEO connector x 1 (side of the cabinet) • Video input, S-VIDEO (Y/C) input and Audio L/R inputs are available.	
AUDIO OUT Terminal		RCA connectors x 3 • Audio L/R outputs are available. • Subwoofer out is available.	
PC IN terminal		Analog RGB D-SUB 15 x 1 • PC signal is available (refer to page 29 for details of the signals which can be input)	
PC AUDIO IN terminal		Stereo mini-jack (3.5 mm diameter)	
Dimensions (W x H x D)		703 mm x 578 mm x 223 mm 703 mm x 523 mm x 98 mm (TV only)	
Weight		13 kg (with stand) / 11.4 kg (TV only)	
Accessories		Remote control unit x 1 (RM-C1860) / AA/R6 dry cell battery x 2 Power cord x 1	
Headphone jack		Stereo mini-jack (3.5 mm diameter)	

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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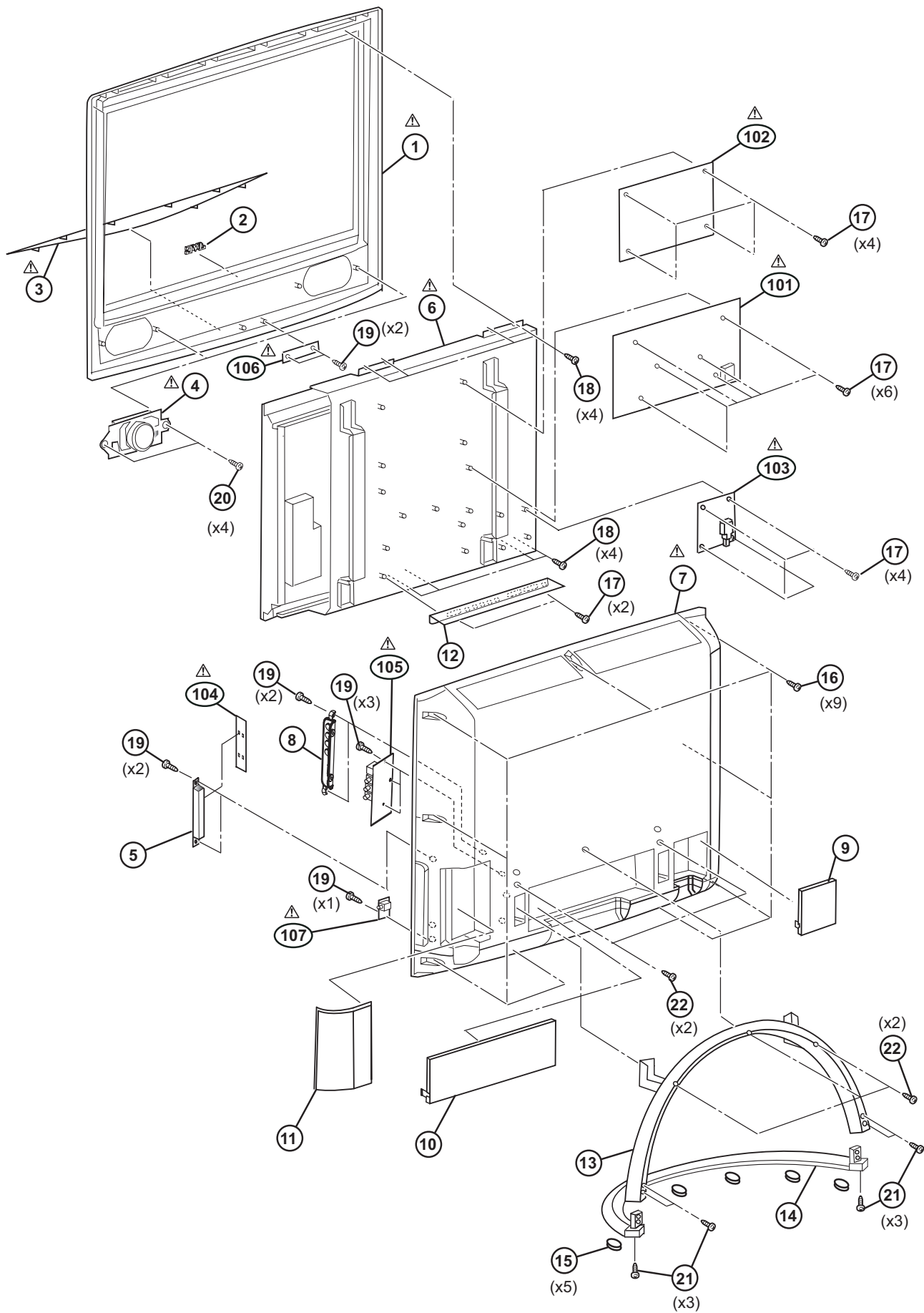
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	P.W.B ASS'Y No.			
	LT-26B60BJ	LT-26B60BU	LT-26B60SJ	LT-26B60SU
MAIN P.W.B	VE-20224628	←	←	←
POWER P.W.B	VE-20221280	←	←	←
SWITCH P.W.B	VE-20219781	←	←	←
SIDE CONTROL P.W.B	VE-20211052	←	←	←
AV JACK P.W.B	VE-20230006	←	←	←
LED P.W.B	VE-20211058	←	←	←
HEADPHONE P.W.B	VE-20224791	←	←	←
REMOTE CONTROL UNIT	VE-30034032	←	←	←

EXPLODED VIEW PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
△	1	VE-20221937	FRONT COVER		LT-26B60BJ,LT-26B60BU
△	1	VE-20224626	FRONT COVER		LT-26B60SJ,LT-26B60SU
	2	VE-20181315	LOGO JVC		
△	3	VE-20220250	LENS		
△	4	VE-30033502	SPEAKER	8Ω 10W 2x5cm(x2)	
	5	VE-20170334	FUNCTION BUTTON		LT-26B60BJ,LT-26B60BU
	5	VE-20182421	FUNCTION BUTTON		LT-26B60SJ,LT-26B60SU
△	6	VE-30039006	LCD PANEL UNIT		
△	7	VE-20221938	BACK COVER		LT-26B60BJ,LT-26B60BU
△	7	VE-20224625	BACK COVER		LT-26B60SJ,LT-26B60SU
	8	VE-20196493	AV JACK BRACKET		
	9	VE-20195273	POWER SW COVER		LT-26B60BJ,LT-26B60BU
	9	VE-20224622	POWER SW COVER		LT-26B60SJ,LT-26B60SU
	10	VE-20195272	I/O TERMINAL COVER		LT-26B60BJ,LT-26B60BU
	10	VE-20224623	I/O TERMINAL COVER		LT-26B60SJ,LT-26B60SU
	11	VE-20195271	SIDE AV COVER		LT-26B60BJ,LT-26B60BU
	11	VE-20224590	SIDE AV COVER		LT-26B60SJ,LT-26B60SU
	12	VE-20224816	SCART DOOR		
	13	VE-35013180	FOOT TOP		
	14	VE-35013179	FOOT BOTTOM		
	15	VE-40024515	FOOT RUBBER	(x5)	
	16	VE-35008088	SCREW	(M4x16)(x9)	
	17	VE-35000180	SCREW	(M3x6)(x16)	
	18	VE-35013770	SCREW	(M3.5x12)(x8)	
	19	VE-35008081	SCREW	(M3x9.5)(x10)	
	20	VE-35008812	SCREW	(M3x10)(x4)	
	21	VE-35007859	SCREW	(M4x10)(x6)	
	22	VE-35003339	SCREW	(M4x12)(x5)	
△	101	VE-20224628	MAIN PWB		
△	102	VE-20221280	POWER PWB		
△	103	VE-20219781	SWITCH PWB		
△	104	VE-20211052	SIDE CONTROL PWB		
△	105	VE-20230006	AV JACK PWB		
△	106	VE-20211058	LED PWB		
△	107	VE-20224791	HEADPHONE PWB		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (VE-20224628)

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
IC11	VE-30013416	IC			D306	VE-30001285	DIODE		
IC100	VE-30020865	IC			D307	VE-30001285	DIODE		
IC101	VE-30032066	IC			D500	VE-30001285	DIODE		
IC102	VE-30018006	IC			D502	VE-30024640	DIODE		
IC104	VE-30019132	IC			D600	VE-30038475	Z DIODE		
IC105	VE-30034805	IC			D700	VE-30038479	Z DIODE		
IC106	VE-30017956	IC			D701	VE-30001285	DIODE		
IC107	VE-30019372	IC			D702	VE-30001285	DIODE		
IC300	VE-LT-26B60BJ	IC	(SERVICE)	LT-26B60BJ	D703	VE-30001285	DIODE		
IC300	VE-LT-26B60BU	IC	(SERVICE)	LT-26B60BU	D704	VE-30038475	Z DIODE		
IC300	VE-LT-26B60SJ	IC	(SERVICE)	LT-26B60SJ	D705	VE-30038475	Z DIODE		
IC300	VE-LT-26B60SU	IC	(SERVICE)	LT-26B60SU	D708	VE-30038475	Z DIODE		
IC301	VE-30013571	IC			D709	VE-30038475	Z DIODE		
IC302	VE-20210911	IC	(SERVICE)		D710	VE-30038475	Z DIODE		
IC400	VE-30015059	IC			D711	VE-30038480	Z DIODE		
IC402	VE-30004999	IC			D712	VE-30038480	Z DIODE		
IC403	VE-30019372	IC			D713	VE-30038480	Z DIODE		
IC500	VE-30021083	IC			D714	VE-30038480	Z DIODE		
IC600	VE-30013686	IC			D715	VE-30038475	Z DIODE		
IC700	VE-30018263	IC			D716	VE-30038480	Z DIODE		
IC701	VE-30010024	IC			D717	VE-30038480	Z DIODE		
IC702	VE-30027663	IC			D719	VE-30001285	DIODE		
IC800	VE-30033062	IC			D720	VE-30038480	Z DIODE		
IC908	VE-30014344	TRANSISTOR			D721	VE-30038480	Z DIODE		
IC909	VE-30007739	IC			D722	VE-30038480	Z DIODE		
IC910	VE-30007739	IC			D723	VE-30018574	DIODE		
Q100	VE-30001457	TRANSISTOR			D905	VE-30001285	DIODE		
Q101	VE-30034725	TRANSISTOR			D906	VE-30001285	DIODE		
Q103	VE-30001457	TRANSISTOR			C100	VE-30012566	CAPACITOR	22pF 50V J	
Q104	VE-30001457	TRANSISTOR			C101	VE-30012566	CAPACITOR	22pF 50V J	
Q105	VE-30001457	TRANSISTOR			C102	VE-30016654	CAPACITOR	100nF 16V K	
Q300	VE-30001458	TRANSISTOR			C104	VE-30016654	CAPACITOR	100nF 16V K	
Q301	VE-30001457	TRANSISTOR			C105	VE-30016654	CAPACITOR	100nF 16V K	
Q302	VE-30001457	TRANSISTOR			C106	VE-30016654	CAPACITOR	100nF 16V K	
Q303	VE-30001457	TRANSISTOR			C107	VE-30016654	CAPACITOR	100nF 16V K	
Q304	VE-30001457	TRANSISTOR			C108	VE-30012582	CAPACITOR	10nF 50V K	
Q305	VE-30001457	TRANSISTOR			C109	VE-30012582	CAPACITOR	10nF 50V K	
Q306	VE-30001457	TRANSISTOR			C110	VE-30012582	CAPACITOR	10nF 50V K	
Q307	VE-30001457	TRANSISTOR			C111	VE-30012582	CAPACITOR	10nF 50V K	
Q308	VE-30001458	TRANSISTOR			C112	VE-30016654	CAPACITOR	100nF 16V K	
Q309	VE-30001457	TRANSISTOR			C113	VE-30012582	CAPACITOR	10nF 50V K	
Q310	VE-30001458	TRANSISTOR			C114	VE-30016654	CAPACITOR	100nF 16V K	
Q311	VE-30001423	TRANSISTOR			C115	VE-30000371	E CAPACITOR	22uF 50V M	
Q312	VE-30001458	TRANSISTOR			C116	VE-30012590	CAPACITOR	47nF 50V K	
Q313	VE-30001457	TRANSISTOR			C117	VE-30012590	CAPACITOR	47nF 50V K	
Q314	VE-30001457	TRANSISTOR			C118	VE-30012590	CAPACITOR	47nF 50V K	
Q315	VE-30001457	TRANSISTOR			C120	VE-30016654	CAPACITOR	100nF 16V K	
Q316	VE-30001457	TRANSISTOR			C121	VE-30016654	CAPACITOR	100nF 16V K	
Q317	VE-30001457	TRANSISTOR			C122	VE-30016654	CAPACITOR	100nF 16V K	
Q318	VE-30001458	TRANSISTOR			C123	VE-30016654	CAPACITOR	100nF 16V K	
Q319	VE-30001458	TRANSISTOR			C124	VE-30016654	CAPACITOR	100nF 16V K	
Q400	VE-30001457	TRANSISTOR			C125	VE-30016654	CAPACITOR	100nF 16V K	
Q501	VE-30001457	TRANSISTOR			C126	VE-30016654	CAPACITOR	100nF 16V K	
Q502	VE-30001457	TRANSISTOR			C127	VE-30016654	CAPACITOR	100nF 16V K	
Q600	VE-30001457	TRANSISTOR			C128	VE-30016654	CAPACITOR	100nF 16V K	
Q601	VE-30001457	TRANSISTOR			C129	VE-30016654	CAPACITOR	100nF 16V K	
Q602	VE-30001457	TRANSISTOR			C130	VE-30016654	CAPACITOR	100nF 16V K	
Q603	VE-30001457	TRANSISTOR			C131	VE-30016654	CAPACITOR	100nF 16V K	
Q700	VE-30001458	TRANSISTOR			C132	VE-30012581	CAPACITOR	1nF 50V K	
Q701	VE-30001457	TRANSISTOR			C133	VE-30012587	CAPACITOR	3.3nF 50V K	
Q702	VE-30001457	TRANSISTOR			C134	VE-30012605	CAPACITOR	39nF 50V M	
Q703	VE-30001457	TRANSISTOR			C136	VE-30016654	CAPACITOR	100nF 16V K	
Q704	VE-30001457	TRANSISTOR			C137	VE-30016654	CAPACITOR	100nF 16V K	
Q708	VE-30001458	TRANSISTOR			C138	VE-30000371	E CAPACITOR	22uF 50V M	
Q709	VE-30001457	TRANSISTOR			C139	VE-30000371	E CAPACITOR	22uF 50V M	
Q904	VE-30001457	TRANSISTOR			C146	VE-30000109	CAPACITOR	470nF 63V J	
Q905	VE-30001457	TRANSISTOR			C147	VE-30016654	CAPACITOR	100nF 16V K	
Q906	VE-30001457	TRANSISTOR			C148	VE-30012575	CAPACITOR	4.7pF 50V C	
Q907	VE-30001457	TRANSISTOR			C149	VE-30012575	CAPACITOR	4.7pF 50V C	
D100	VE-30001285	DIODE			C150	VE-30016654	CAPACITOR	100nF 16V K	
D101	VE-30001285	DIODE			C151	VE-30016654	CAPACITOR	100nF 16V K	
D103	VE-30007169	DIODE			C152	VE-30016654	CAPACITOR	100nF 16V K	
D105	VE-30007169	DIODE			C153	VE-30012567	CAPACITOR	220pF 50V J	
D107	VE-30007169	DIODE			C154	VE-30012567	CAPACITOR	220pF 50V J	
D108	VE-30025773	Z DIODE			C155	VE-30012567	CAPACITOR	220pF 50V J	
D109	VE-30025773	Z DIODE			C156	VE-30000371	E CAPACITOR	22uF 50V M	
D111	VE-30007169	DIODE			C157	VE-30016654	CAPACITOR	100nF 16V K	
D112	VE-30007169	DIODE			C158	VE-30012567	CAPACITOR	220pF 50V J	
D114	VE-30038472	Z DIODE			C159	VE-30016654	CAPACITOR	100nF 16V K	
D300	VE-30038493	Z DIODE			C160	VE-30012567	CAPACITOR	220pF 50V J	
D301	VE-30001285	DIODE			C161	VE-30012567	CAPACITOR	220pF 50V J	
D302	VE-30001285	DIODE			C162	VE-30000371	E CAPACITOR	22uF 50V M	
D305	VE-30001285	DIODE			C163	VE-30016654	CAPACITOR	100nF 16V K	
					C164	VE-30012567	CAPACITOR	220pF 50V J	
					C165	VE-30016654	CAPACITOR	100nF 16V K	
					C166	VE-30012567	CAPACITOR	220pF 50V J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C167	VE-30016654	CAPACITOR	100nF 16V K		C436	VE-30012570	CAPACITOR	330pF 50V J	
C168	VE-30016654	CAPACITOR	100nF 16V K		C437	VE-30012582	CAPACITOR	10nF 50V K	
C169	VE-30012567	CAPACITOR	220pF 50V J		C438	VE-30000371	E CAPACITOR	22uF 50V M	
C170	VE-30012567	CAPACITOR	220pF 50V J		C439	VE-30012609	CAPACITOR	68nF 50V K	
C171	VE-30016654	CAPACITOR	100nF 16V K		C440	VE-30000352	E CAPACITOR	100uF 16V M	
C172	VE-30012567	CAPACITOR	220pF 50V J		C441	VE-30016654	CAPACITOR	100nF 16V K	
C174	VE-30016654	CAPACITOR	100nF 16V K		C442	VE-30012569	CAPACITOR	33pF 50V J	
C175	VE-30012567	CAPACITOR	220pF 50V J		C443	VE-30016654	CAPACITOR	100nF 16V K	
C176	VE-30016654	CAPACITOR	100nF 16V K		C485	VE-30016654	CAPACITOR	100nF 16V K	
C177	VE-30000371	E CAPACITOR	22uF 50V M		C486	VE-30016654	CAPACITOR	100nF 16V K	
C178	VE-30016654	CAPACITOR	100nF 16V K		C487	VE-30016654	CAPACITOR	100nF 16V K	
C183	VE-30016654	CAPACITOR	100nF 16V K		C488	VE-30016654	CAPACITOR	100nF 16V K	
C185	VE-30000352	E CAPACITOR	100uF 50V J		C489	VE-30016654	CAPACITOR	100nF 16V K	
C187	VE-30012573	CAPACITOR	47pF 50V J		C490	VE-30016654	CAPACITOR	100nF 16V K	
C189	VE-30016654	CAPACITOR	100nF 16V K		C491	VE-30016654	CAPACITOR	100nF 16V K	
C190	VE-30016654	CAPACITOR	100nF 16V K		C492	VE-30000345	E CAPACITOR	10uF 50V M	
C217	VE-30012581	CAPACITOR	1nF 50V K		C493	VE-30000294	CAPACITOR	100nF 50V K	
C218	VE-30012575	CAPACITOR	4.7pF 50V C		C494	VE-30012569	CAPACITOR	33pF 50V J	
C219	VE-30000392	E CAPACITOR	0.33uF 50V M		C495	VE-30012569	CAPACITOR	33pF 50V J	
C229	VE-30000371	E CAPACITOR	22uF 50V M		C502	VE-30016654	CAPACITOR	100nF 16V K	
C230	VE-30000371	E CAPACITOR	22uF 50V M		C503	VE-30000345	E CAPACITOR	10uF 50V M	
C231	VE-30000371	E CAPACITOR	22uF 50V M		C505	VE-30000400	E CAPACITOR	47uF 50V M	
C300	VE-30000352	E CAPACITOR	100uF 16V M		C506	VE-30012582	CAPACITOR	10nF 50V K	
C301	VE-30016654	CAPACITOR	100nF 16V K		C507	VE-30012572	CAPACITOR	390pF 50V J	
C302	VE-30000371	E CAPACITOR	22uF 50V M		C508	VE-30000109	CAPACITOR	470nF 63V J	
C303	VE-30016654	CAPACITOR	100nF 16V K		C509	VE-30012582	CAPACITOR	10nF 50V K	
C304	VE-30016654	CAPACITOR	100nF 16V K		C510	VE-30012566	CAPACITOR	22pF 50V J	
C305	VE-30000371	E CAPACITOR	22uF 50V M		C511	VE-30000109	CAPACITOR	470nF 63V J	
C306	VE-30016654	CAPACITOR	100nF 16V K		C512	VE-30016654	CAPACITOR	100nF 16V K	
C307	VE-30016654	CAPACITOR	100nF 16V K		C513	VE-30012583	CAPACITOR	1.5nF 50V K	
C308	VE-30000371	E CAPACITOR	22uF 50V M		C514	VE-30016654	CAPACITOR	100nF 16V K	
C309	VE-30016654	CAPACITOR	100nF 16V K		C515	VE-30016654	CAPACITOR	100nF 16V K	
C310	VE-30016654	CAPACITOR	100nF 16V K		C517	VE-30012569	CAPACITOR	33pF 50V J	
C311	VE-30016654	CAPACITOR	100nF 16V K		C519	VE-30016654	CAPACITOR	100nF 16V K	
C312	VE-30016654	CAPACITOR	100nF 16V K		C520	VE-30012582	CAPACITOR	10nF 50V K	
C313	VE-30016654	CAPACITOR	100nF 16V K		C522	VE-30000315	CAPACITOR	220nF 25V Z	
C314	VE-30000109	CAPACITOR	470nF 63V J		C523	VE-30000371	E CAPACITOR	22uF 50V M	
C315	VE-30016654	CAPACITOR	100nF 16V K		C524	VE-30016654	CAPACITOR	100nF 16V K	
C316	VE-30000352	E CAPACITOR	100uF 16V M		C525	VE-30000407	E CAPACITOR	470uF 16V M	
C317	VE-30012569	CAPACITOR	33pF 50V J		C526	VE-30016654	CAPACITOR	100nF 16V K	
C318	VE-30012569	CAPACITOR	33pF 50V J		C527	VE-30000345	E CAPACITOR	10uF 50V M	
C319	VE-30000371	E CAPACITOR	22uF 50V M		C600	VE-30000352	E CAPACITOR	100uF 16V M	
C320	VE-30016654	CAPACITOR	100nF 16V K		C601	VE-30016654	CAPACITOR	100nF 16V K	
C321	VE-30016654	CAPACITOR	100nF 16V K		C602	VE-30016654	CAPACITOR	100nF 16V K	
C324	VE-30000371	E CAPACITOR	22uF 50V M		C603	VE-30016654	CAPACITOR	100nF 16V K	
C325	VE-30012611	CAPACITOR	120pF 50V J		C604	VE-30016654	CAPACITOR	100nF 16V K	
C326	VE-30012576	CAPACITOR	56pF 50V J		C605	VE-30016654	CAPACITOR	100nF 16V K	
C327	VE-30016654	CAPACITOR	100nF 16V K		C606	VE-30016654	CAPACITOR	100nF 16V K	
C328	VE-30000393	E CAPACITOR	3.3uF 50V M		C607	VE-30012569	CAPACITOR	33pF 50V J	
C331	VE-30012607	CAPACITOR	150pF 50V J		C608	VE-30016654	CAPACITOR	100nF 16V K	
C332	VE-30016654	CAPACITOR	100nF 16V K		C609	VE-30016654	CAPACITOR	100nF 16V K	
C333	VE-30016654	CAPACITOR	100nF 16V K		C610	VE-30016654	CAPACITOR	100nF 16V K	
C335	VE-30016654	CAPACITOR	100nF 16V K		C611	VE-30016654	CAPACITOR	100nF 16V K	
C336	VE-30012611	CAPACITOR	120pF 50V J		C612	VE-30016654	CAPACITOR	100nF 16V K	
C337	VE-30016654	CAPACITOR	100nF 16V K		C613	VE-30016654	CAPACITOR	100nF 16V K	
C338	VE-30016654	CAPACITOR	100nF 16V K		C614	VE-30016654	CAPACITOR	100nF 16V K	
C339	VE-30016654	CAPACITOR	100nF 16V K		C615	VE-30012569	CAPACITOR	33pF 50V J	
C340	VE-30020694	CAPACITOR	1uF 16V Z		C700	VE-30016654	CAPACITOR	100nF 16V K	
C400	VE-30012609	CAPACITOR	68nF 50V K		C701	VE-30012587	CAPACITOR	3.3nF 50V K	
C401	VE-30012583	CAPACITOR	1.5nF 50V K		C702	VE-30000352	E CAPACITOR	100uF 16V M	
C402	VE-30012590	CAPACITOR	47nF 50V K		C703	VE-30012587	CAPACITOR	3.3nF 50V K	
C403	VE-30016654	CAPACITOR	100nF 16V K		C704	VE-30012589	CAPACITOR	4.7nF 50V K	
C404	VE-30012613	CAPACITOR	3.3pF 50V C		C705	VE-30012589	CAPACITOR	4.7nF 50V K	
C405	VE-30012613	CAPACITOR	3.3pF 50V C		C706	VE-30012589	CAPACITOR	4.7nF 50V K	
C406	VE-30000315	CAPACITOR	220nF 25V Z		C707	VE-30012589	CAPACITOR	4.7nF 50V K	
C407	VE-30012583	CAPACITOR	1.5nF 50V K		C708	VE-30016654	CAPACITOR	100nF 16V K	
C408	VE-30012572	CAPACITOR	390pF 50V J		C709	VE-30000315	CAPACITOR	220nF 25V Z	
C409	VE-30000345	E CAPACITOR	10uF 50V M		C710	VE-30000315	CAPACITOR	220nF 25V Z	
C410	VE-30012590	CAPACITOR	47nF 50V K		C711	VE-30000315	CAPACITOR	220nF 25V Z	
C411	VE-30012581	CAPACITOR	1nF 50V K		C712	VE-30000315	CAPACITOR	220nF 25V Z	
C412	VE-30007082	CAPACITOR	680nF 63V J		C713	VE-30012576	CAPACITOR	56pF 50V J	
C413	VE-30007082	CAPACITOR	680nF 63V J		C714	VE-30016654	CAPACITOR	100nF 16V K	
C414	VE-30012582	CAPACITOR	10nF 50V K		C715	VE-30000393	E CAPACITOR	3.3uF 50V M	
C415	VE-30000345	E CAPACITOR	10uF 50V M		C716	VE-30000345	E CAPACITOR	10uF 50V M	
C416	VE-30012590	CAPACITOR	47nF 50V K		C717	VE-30000345	E CAPACITOR	10uF 50V M	
C420	VE-30000294	CAPACITOR	100nF 50V K		C718	VE-30000345	E CAPACITOR	10uF 50V M	
C421	VE-30000294	CAPACITOR	100nF 50V K		C719	VE-30012581	CAPACITOR	1nF 50V K	
C422	VE-30000294	CAPACITOR	100nF 50V K		C720	VE-30012581	CAPACITOR	1nF 50V K	
C424	VE-30016654	CAPACITOR	100nF 16V K		C721	VE-30012565	CAPACITOR	1.8pF 50V J	
C425	VE-30000315	CAPACITOR	220nF 25V Z		C722	VE-30012565	CAPACITOR	1.8pF 50V J	
C426	VE-30012583	CAPACITOR	1.5nF 50V K		C723	VE-30012581	CAPACITOR	1nF 50V K	
C427	VE-30012572	CAPACITOR	390pF 50V J		C724	VE-30012581	CAPACITOR	1nF 50V K	
C428	VE-30012590	CAPACITOR	47nF 50V K		C725	VE-30012585	CAPACITOR	2.2nF 50V K	
C429	VE-30012583	CAPACITOR	1.5nF 50V K		C726	VE-30012576	CAPACITOR	56pF 50V J	
C430	VE-30012609	CAPACITOR	68nF 50V K		C727	VE-30016654	CAPACITOR	100nF 16V K	
C431	VE-30000315	CAPACITOR	220nF 25V Z		C728	VE-30016654	CAPACITOR	100nF 16V K	
C432	VE-30000315	CAPACITOR	220nF 25V Z		C729	VE-30012585	CAPACITOR	2.2nF 50V K	
C433	VE-30000315	CAPACITOR	220nF 25V Z		C730	VE-30012607	CAPACITOR	150pF 50V J	
C434	VE-30012570	CAPACITOR	330pF 50V J		C731	VE-30012607	CAPACITOR	150pF 50V J	
C435	VE-30012570	CAPACITOR	330pF 50V J		C732	VE-30000315	CAPACITOR	220nF 25V Z	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C733	VE-30000315	CAPACITOR	220nF 25V Z		C830	VE-30016654	CAPACITOR	100nF 16V K	
C734	VE-30016654	CAPACITOR	100nF 16V K		C831	VE-30000371	E CAPACITOR	22uF 50V M	
C735	VE-30012568	CAPACITOR	270pF 50V J		C832	VE-30012562	CAPACITOR	15pF 50V J	
C736	VE-30000352	E CAPACITOR	100uF 16V M		C841	VE-30000092	CAPACITOR	220nF 63V J	
C737	VE-30012589	CAPACITOR	4.7nF 50V K		C842	VE-30000092	CAPACITOR	220nF 63V J	
C738	VE-30000352	E CAPACITOR	100uF 16V M		C843	VE-30000092	CAPACITOR	220nF 63V J	
C739	VE-30000362	E CAPACITOR	1uF 50V M		C844	VE-30000092	CAPACITOR	220nF 63V J	
C740	VE-30012568	CAPACITOR	270pF 50V J		C846	VE-30000407	E CAPACITOR	470uF 16V M	
C741	VE-30012589	CAPACITOR	4.7nF 50V K		C847	VE-30012569	CAPACITOR	33pF 50V J	
C742	VE-30000371	E CAPACITOR	22uF 50V M		C848	VE-30012569	CAPACITOR	33pF 50V J	
C743	VE-30000371	E CAPACITOR	22uF 50V M		C849	VE-30012574	CAPACITOR	470pF 50V J	
C744	VE-30000371	E CAPACITOR	22uF 50V M		C850	VE-30012569	CAPACITOR	33pF 50V J	
C745	VE-30000371	E CAPACITOR	22uF 50V M		C851	VE-30012574	CAPACITOR	470pF 50V J	
C746	VE-30012567	CAPACITOR	220pF 50V J		C852	VE-30012574	CAPACITOR	470pF 50V J	
C747	VE-30012574	CAPACITOR	470pF 50V J		C853	VE-30012574	CAPACITOR	470pF 50V J	
C748	VE-30012582	CAPACITOR	10nF 50V K		C858	VE-30012569	CAPACITOR	33pF 50V J	
C749	VE-30016654	CAPACITOR	100nF 16V K		C859	VE-30012569	CAPACITOR	33pF 50V J	
C750	VE-30012576	CAPACITOR	56pF 50V J		C860	VE-30012569	CAPACITOR	33pF 50V J	
C751	VE-30000407	E CAPACITOR	470uF 16V M		C863	VE-30012581	CAPACITOR	1nF 50V K	
C752	VE-30012585	CAPACITOR	2.2nF 50V K		C875	VE-30000371	E CAPACITOR	22uF 50V M	
C753	VE-30012585	CAPACITOR	2.2nF 50V K		C876	VE-30000352	E CAPACITOR	100uF 16V M	
C754	VE-30012578	CAPACITOR	68pF 50V J		C877	VE-30012581	CAPACITOR	1nF 50V K	
C755	VE-30012578	CAPACITOR	68pF 50V J		C878	VE-30024768	CAPACITOR	470nF 16V Z	
C756	VE-30012585	CAPACITOR	2.2nF 50V K		C879	VE-30024768	CAPACITOR	470nF 16V Z	
C757	VE-30012585	CAPACITOR	2.2nF 50V K		C880	VE-30012581	CAPACITOR	1nF 50V K	
C758	VE-30000315	CAPACITOR	220nF 25V Z		C881	VE-30024768	CAPACITOR	470nF 16V Z	
C759	VE-30000315	CAPACITOR	220nF 25V Z		C882	VE-30024768	CAPACITOR	470nF 16V Z	
C760	VE-30012581	CAPACITOR	1nF 50V K		C883	VE-30024768	CAPACITOR	470nF 16V Z	
C761	VE-30012581	CAPACITOR	1nF 50V K		C884	VE-30012581	CAPACITOR	1nF 50V K	
C762	VE-30012589	CAPACITOR	4.7nF 50V K		C885	VE-30012581	CAPACITOR	1nF 50V K	
C763	VE-30012589	CAPACITOR	4.7nF 50V K		C886	VE-30000371	E CAPACITOR	22uF 50V M	
C764	VE-30012589	CAPACITOR	4.7nF 50V K		C887	VE-30000371	E CAPACITOR	22uF 50V M	
C765	VE-30012589	CAPACITOR	4.7nF 50V K		C888	VE-30024768	CAPACITOR	470nF 16V Z	
C766	VE-30016654	CAPACITOR	100nF 16V K		C889	VE-30024768	CAPACITOR	470nF 16V Z	
C767	VE-30012607	CAPACITOR	150pF 50V J		C890	VE-30024768	CAPACITOR	470nF 16V Z	
C768	VE-30012607	CAPACITOR	150pF 50V J		C891	VE-30012581	CAPACITOR	1nF 50V K	
C769	VE-30000371	E CAPACITOR	22uF 50V M		C892	VE-30024768	CAPACITOR	470nF 16V Z	
C770	VE-30000371	E CAPACITOR	22uF 50V M		C893	VE-30012581	CAPACITOR	1nF 50V K	
C771	VE-30000315	CAPACITOR	220nF 25V Z		C894	VE-30024768	CAPACITOR	470nF 16V Z	
C772	VE-30012581	CAPACITOR	1nF 50V K		C895	VE-30012581	CAPACITOR	1nF 50V K	
C773	VE-30000315	CAPACITOR	220nF 25V Z		C896	VE-30012581	CAPACITOR	1nF 50V K	
C774	VE-30012581	CAPACITOR	1nF 50V K		C900	VE-30000354	E CAPACITOR	100uF 35V M	
C775	VE-30000345	E CAPACITOR	10uF 50V M		C904	VE-30012582	CAPACITOR	10nF 50V K	
C776	VE-30000294	CAPACITOR	100nF 50V K		C907	VE-30000294	CAPACITOR	100nF 50V K	
C777	VE-30000294	CAPACITOR	100nF 50V K		C908	VE-30000352	E CAPACITOR	100uF 16V M	
C778	VE-30000294	CAPACITOR	100nF 50V K		C909	VE-30016654	CAPACITOR	100nF 16V K	
C779	VE-30012567	CAPACITOR	220pF 50V J		C911	VE-30012582	CAPACITOR	10nF 50V K	
C780	VE-30012582	CAPACITOR	10nF 50V K		C912	VE-30000352	E CAPACITOR	100uF 16V M	
C781	VE-30012582	CAPACITOR	10nF 50V K		C913	VE-30016654	CAPACITOR	100nF 16V K	
C782	VE-30000294	CAPACITOR	100nF 50V K		C915	VE-30016654	CAPACITOR	100nF 16V K	
C783	VE-30000294	CAPACITOR	100nF 50V K		C916	VE-30016654	CAPACITOR	100nF 16V K	
C784	VE-30000345	E CAPACITOR	10uF 50V M		C917	VE-30000371	E CAPACITOR	22uF 50V M	
C785	VE-30012581	CAPACITOR	1nF 50V K		C918	VE-30000371	E CAPACITOR	22uF 50V M	
C786	VE-30012581	CAPACITOR	1nF 50V K		C919	VE-30016654	CAPACITOR	100nF 16V K	
C787	VE-30020694	CAPACITOR	1uF 16V Z		C929	VE-30000294	CAPACITOR	100nF 50V K	
C788	VE-30020694	CAPACITOR	1uF 16V Z		C930	VE-30000371	E CAPACITOR	22uF 50V M	
C789	VE-30020694	CAPACITOR	1uF 16V Z		C933	VE-30000294	CAPACITOR	100nF 50V K	
C790	VE-30020694	CAPACITOR	1uF 16V Z		C934	VE-30031594	E CAPACITOR	2200uF 10V	
C791	VE-30020694	CAPACITOR	1uF 16V Z		C935	VE-30016654	CAPACITOR	100nF 16V K	
C792	VE-30000294	CAPACITOR	100nF 50V K		C936	VE-30016654	CAPACITOR	100nF 16V K	
C793	VE-30012582	CAPACITOR	10nF 50V K		C937	VE-30000371	E CAPACITOR	22uF 50V M	
C794	VE-30012582	CAPACITOR	10nF 50V K		C938	VE-30000352	E CAPACITOR	100uF 16V M	
C795	VE-30012581	CAPACITOR	1nF 50V K		C941	VE-30000294	CAPACITOR	100nF 50V K	
C796	VE-30012581	CAPACITOR	1nF 50V K						
C797	VE-30000294	CAPACITOR	100nF 50V K		R100	VE-30012713	RESISTOR	1/16W 75R J	
C798	VE-30012574	CAPACITOR	470pF 50V J		R101	VE-30012713	RESISTOR	1/16W 75R J	
C799	VE-30012567	CAPACITOR	220pF 50V J		R102	VE-30012713	RESISTOR	1/16W 75R J	
C801	VE-30000294	CAPACITOR	100nF 50V K		R103	VE-30012713	RESISTOR	1/16W 75R J	
C802	VE-30000294	CAPACITOR	100nF 50V K		R104	VE-30012713	RESISTOR	1/16W 75R J	
C803	VE-30000345	E CAPACITOR	10uF 50V M		R105	VE-30012641	RESISTOR	1/16W 10K J	
C804	VE-30016654	CAPACITOR	100nF 16V K		R106	VE-30012641	RESISTOR	1/16W 10K J	
C805	VE-30012581	CAPACITOR	1nF 50V K		R107	VE-30012510	RESISTOR	1/16W 100R J	
C806	VE-30000354	E CAPACITOR	100uF 35V M		R108	VE-30012510	RESISTOR	1/16W 100R J	
C808	VE-30000315	CAPACITOR	220nF 25V Z		R109	VE-30012692	RESISTOR	1/16W 4.7K J	
C809	VE-30000315	CAPACITOR	220nF 25V Z		R110	VE-30012692	RESISTOR	1/16W 4.7K J	
C810	VE-30012582	CAPACITOR	10nF 50V K		R111	VE-30012510	RESISTOR	1/16W 100R J	
C811	VE-30016654	CAPACITOR	100nF 16V K		R121	VE-30012677	RESISTOR	1/16W 3.3K J	
C812	VE-30000315	CAPACITOR	220nF 25V Z		R122	VE-30012510	RESISTOR	1/16W 100R J	
C814	VE-30016654	CAPACITOR	100nF 16V K		R123	VE-30012510	RESISTOR	1/16W 100R J	
C815	VE-30012582	CAPACITOR	10nF 50V K		R127	VE-30012641	RESISTOR	1/16W 10K J	
C816	VE-30012582	CAPACITOR	10nF 50V K		R128	VE-30012641	RESISTOR	1/16W 10K J	
C817	VE-30016654	CAPACITOR	100nF 16V K		R130	VE-30030692	FERRITE NET	120R/100MHz 150mA	
C818	VE-30016654	CAPACITOR	100nF 16V K		R131	VE-30030692	FERRITE NET	120R/100MHz 150mA	
C820	VE-30000315	CAPACITOR	220nF 25V Z		R132	VE-30030692	FERRITE NET	120R/100MHz 150mA	
C823	VE-30012560	CAPACITOR	100pF 50V J		R133	VE-30030692	FERRITE NET	120R/100MHz 150mA	
C824	VE-30012560	CAPACITOR	100pF 50V J		R134	VE-30030692	FERRITE NET	120R/100MHz 150mA	
C825	VE-30012581	CAPACITOR	1nF 50V K		R135	VE-30030692	FERRITE NET	120R/100MHz 150mA	
C827	VE-30000352	E CAPACITOR	100uF 16V M		R136	VE-30012506	RESISTOR	1/16W 1.5K J	
C828	VE-30016654	CAPACITOR	100nF 16V K		R137	VE-30012506	RESISTOR	1/16W 1.5K J	
C829	VE-30012582	CAPACITOR	10nF 50V K		R138	VE-30012506	RESISTOR	1/16W 1.5K J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R139	VE-30012657	RESISTOR	1/16W 1K J		R343	VE-30012668	RESISTOR	1/16W 220R J	
R140	VE-30012641	RESISTOR	1/16W 10K J		R344	VE-30012657	RESISTOR	1/16W 1K J	
R141	VE-30012641	RESISTOR	1/16W 10K J		R345	VE-30012669	RESISTOR	1/16W 22K J	
R142	VE-30012657	RESISTOR	1/16W 1K J		R346	VE-30012657	RESISTOR	1/16W 1K J	
R143	VE-30012657	RESISTOR	1/16W 1K J		R347	VE-30014022	RESISTOR	1/16W 47R J	
R145	VE-30012510	RESISTOR	1/16W 100R J		R348	VE-30012655	RESISTOR	1/16W 180R J	
R146	VE-30012510	RESISTOR	1/16W 100R J		R349	VE-30014022	RESISTOR	1/16W 47R J	
R147	VE-30012510	RESISTOR	1/16W 100R J		R350	VE-30012692	RESISTOR	1/16W 4.7K J	
R148	VE-30012510	RESISTOR	1/16W 100R J		R352	VE-30012669	RESISTOR	1/16W 22K J	
R149	VE-30012641	RESISTOR	1/16W 10K J		R353	VE-30012641	RESISTOR	1/16W 10K J	
R150	VE-30012657	RESISTOR	1/16W 1K J		R354	VE-30012692	RESISTOR	1/16W 4.7K J	
R151	VE-30012657	RESISTOR	1/16W 1K J		R355	VE-30012659	RESISTOR	1/16W 2.2K J	
R152	VE-30012655	RESISTOR	1/16W 180R J		R356	VE-30012669	RESISTOR	1/16W 22K J	
R156	VE-30017653	RESISTOR ARRAY	1/16W 47RX4 J		R357	VE-30012692	RESISTOR	1/16W 4.7K J	
R157	VE-30017653	RESISTOR ARRAY	1/16W 47RX4 J		R358	VE-30012695	RESISTOR	1/16W 470R J	
R158	VE-30017653	RESISTOR ARRAY	1/16W 47RX4 J		R359	VE-30012659	RESISTOR	1/16W 2.2K J	
R159	VE-30017653	RESISTOR ARRAY	1/16W 47RX4 J		R360	VE-30012506	RESISTOR	1/16W 1.5K J	
R160	VE-30017653	RESISTOR ARRAY	1/16W 47RX4 J		R361	VE-30012657	RESISTOR	1/16W 1K J	
R161	VE-30017653	RESISTOR ARRAY	1/16W 47RX4 J		R362	VE-30012982	RESISTOR	1/16W 10R J	
R162	VE-30012509	RESISTOR	1/16W 100K J		R363	VE-30012695	RESISTOR	1/16W 470R J	
R165	VE-30025836	FERRITE NET	240R/100MHz 150mA		R364	VE-30012695	RESISTOR	1/16W 470R J	
R166	VE-30025836	FERRITE NET	240R/100MHz 150mA		R368	VE-30012692	RESISTOR	1/16W 4.7K J	
R167	VE-30020529	FERRITE	120R/100MHz 200mA		R369	VE-30012692	RESISTOR	1/16W 4.7K J	
R168	VE-30012641	RESISTOR	1/16W 10K J		R370	VE-30012669	RESISTOR	1/16W 22K J	
R169	VE-30012641	RESISTOR	1/16W 10K J		R371	VE-30012657	RESISTOR	1/16W 1K J	
R170	VE-30012641	RESISTOR	1/16W 10K J		R372	VE-30014022	RESISTOR	1/16W 47R J	
R172	VE-30012641	RESISTOR	1/16W 10K J		R373	VE-30012655	RESISTOR	1/16W 180R J	
R173	VE-30012641	RESISTOR	1/16W 10K J		R374	VE-30012692	RESISTOR	1/16W 1.5K J	
R174	VE-30012641	RESISTOR	1/16W 10K J		R375	VE-30012684	RESISTOR	1/16W 330R J	
R175	VE-30012641	RESISTOR	1/16W 10K J		R376	VE-30012692	RESISTOR	1/16W 4.7K J	
R176	VE-30012641	RESISTOR	1/16W 10K J		R377	VE-30012684	RESISTOR	1/16W 330R J	
R177	VE-30012641	RESISTOR	1/16W 10K J		R378	VE-30012684	RESISTOR	1/16W 330R J	
R178	VE-30012641	RESISTOR	1/16W 10K J		R379	VE-30012510	RESISTOR	1/16W 100R J	
R179	VE-30012641	RESISTOR	1/16W 10K J		R380	VE-30012669	RESISTOR	1/16W 22K J	
R180	VE-30012641	RESISTOR	1/16W 10K J		R381	VE-30012657	RESISTOR	1/16W 1K J	
R181	VE-30012641	RESISTOR	1/16W 10K J		R382	VE-30012982	RESISTOR	1/16W 10R J	
R182	VE-30012641	RESISTOR	1/16W 10K J		R383	VE-30000534	RESISTOR	1/10W 15K J	
R183	VE-30012657	RESISTOR	1/16W 1K J		R384	VE-30012679	RESISTOR	1/16W 3.9K J	
R184	VE-30012657	RESISTOR	1/16W 1K J		R385	VE-30012692	RESISTOR	1/16W 4.7K J	
R185	VE-30012641	RESISTOR	1/16W 10K J		R386	VE-30012506	RESISTOR	1/16W 1.5K J	
R189	VE-30012657	RESISTOR	1/16W 1K J		R387	VE-30012506	RESISTOR	1/16W 1.5K J	
R197	VE-30021996	RESISTOR	1/16W 10K J		R388	VE-30012641	RESISTOR	1/16W 10K J	
R202	VE-30012509	RESISTOR	1/16W 100K J		R389	VE-30012641	RESISTOR	1/16W 10K J	
R203	VE-30012509	RESISTOR	1/16W 100K J		R390	VE-30012692	RESISTOR	1/16W 4.7K J	
R204	VE-30012509	RESISTOR	1/16W 100K J		R391	VE-30012696	RESISTOR	1/16W 47K J	
R205	VE-30012509	RESISTOR	1/16W 100K J		R392	VE-30012696	RESISTOR	1/16W 47K J	
R206	VE-30012509	RESISTOR	1/16W 100K J		R393	VE-30012510	RESISTOR	1/16W 100R J	
R207	VE-30012509	RESISTOR	1/16W 100K J		R394	VE-30012641	RESISTOR	1/16W 10K J	
R300	VE-30012657	RESISTOR	1/16W 1K J		R395	VE-30012684	RESISTOR	1/16W 330R J	
R301	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R396	VE-30012684	RESISTOR	1/16W 330R J	
R302	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R397	VE-30012692	RESISTOR	1/16W 4.7K J	
R303	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R398	VE-30012657	RESISTOR	1/16W 1K J	
R304	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R399	VE-30012692	RESISTOR	1/16W 4.7K J	
R305	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R400	VE-30012713	RESISTOR	1/16W 75R J	
R306	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R401	VE-30012713	RESISTOR	1/16W 75R J	
R307	VE-30018409	RESISTOR ARRAY	1/16W 330R J		R402	VE-30012713	RESISTOR	1/16W 75R J	
R308	VE-30012657	RESISTOR	1/16W 1K J		R404	VE-30012713	RESISTOR	1/16W 75R J	
R309	VE-30012669	RESISTOR	1/16W 22K J		R405	VE-30012713	RESISTOR	1/16W 75R J	
R310	VE-30012510	RESISTOR	1/16W 100R J		R406	VE-30012713	RESISTOR	1/16W 75R J	
R311	VE-30012510	RESISTOR	1/16W 100R J		R407	VE-30012510	RESISTOR	1/16W 100R J	
R312	VE-30012510	RESISTOR	1/16W 100R J		R408	VE-30012510	RESISTOR	1/16W 100R J	
R313	VE-30012679	RESISTOR	1/16W 3.9K J		R410	VE-30012644	RESISTOR	1/16W 12K J	
R314	VE-30012679	RESISTOR	1/16W 3.9K J		R411	VE-30012669	RESISTOR	1/16W 22K J	
R315	VE-30012692	RESISTOR	1/16W 4.7K J		R412	VE-30014078	RESISTOR	1/16W 22R J	
R316	VE-30012679	RESISTOR	1/16W 3.9K J		R413	VE-30012657	RESISTOR	1/16W 1K J	
R317	VE-30000534	RESISTOR	1/10W 15K J		R414	VE-30012713	RESISTOR	1/16W 75R J	
R318	VE-30012659	RESISTOR	1/16W 2.2K J		R415	VE-30012510	RESISTOR	1/16W 100R J	
R319	VE-30012692	RESISTOR	1/16W 4.7K J		R416	VE-30018254	RESISTOR ARRAY	1/16W 10R J	
R320	VE-30012659	RESISTOR	1/16W 2.2K J		R417	VE-30018254	RESISTOR ARRAY	1/16W 10R J	
R321	VE-30012692	RESISTOR	1/16W 4.7K J		R425	VE-30012695	RESISTOR	1/16W 470R J	
R322	VE-30012695	RESISTOR	1/16W 470R J		R426	VE-30012695	RESISTOR	1/16W 470R J	
R323	VE-30012987	RESISTOR	1/16W 56R J		R427	VE-30012695	RESISTOR	1/16W 470R J	
R324	VE-30012692	RESISTOR	1/16W 4.7K J		R431	VE-30012657	RESISTOR	1/16W 1K J	
R325	VE-30012695	RESISTOR	1/16W 470R J		R432	VE-30012657	RESISTOR	1/16W 1K J	
R326	VE-30012695	RESISTOR	1/16W 470R J		R434	VE-30012657	RESISTOR	1/16W 1K J	
R327	VE-30012695	RESISTOR	1/16W 470R J		R437	VE-30012713	RESISTOR	1/16W 75R J	
R328	VE-30012685	RESISTOR	1/16W 33K J		R438	VE-30012713	RESISTOR	1/16W 75R J	
R329	VE-30012685	RESISTOR	1/16W 33K J		R439	VE-30012713	RESISTOR	1/16W 75R J	
R330	VE-30012685	RESISTOR	1/16W 33K J		R440	VE-30012641	RESISTOR	1/16W 10K J	
R331	VE-30012685	RESISTOR	1/16W 33K J		R441	VE-30012641	RESISTOR	1/16W 10K J	
R332	VE-30012510	RESISTOR	1/16W 100R J		R442	VE-30012641	RESISTOR	1/16W 10K J	
R333	VE-30012510	RESISTOR	1/16W 100R J		R443	VE-30012641	RESISTOR	1/16W 10K J	
R334	VE-30012705	RESISTOR	1/16W 6.8K J		R450	VE-30012659	RESISTOR	1/16W 2.2K J	
R335	VE-30012705	RESISTOR	1/16W 6.8K J		R454	VE-30012692	RESISTOR	1/16W 4.7K J	
R336	VE-30012692	RESISTOR	1/16W 4.7K J		R456	VE-30012510	RESISTOR	1/16W 100R J	
R337	VE-30012692	RESISTOR	1/16W 4.7K J		R457	VE-30012510	RESISTOR	1/16W 100R J	
R339	VE-30012509	RESISTOR	1/16W 100K J		R503	VE-30012510	RESISTOR	1/16W 100R J	
R340	VE-30012692	RESISTOR	1/16W 4.7K J		R504	VE-30012510	RESISTOR	1/16W 100R J	
R341	VE-30012644	RESISTOR	1/16W 12K J		R505	VE-30012510	RESISTOR	1/16W 100R J	
R342	VE-30012668	RESISTOR	1/16W 220R J		R506	VE-30012510	RESISTOR	1/16W 100R J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R507	VE-30012698	RESISTOR	1/16W 5.6K J		R735	VE-30012510	RESISTOR	1/16W 100R J	
R508	VE-30012510	RESISTOR	1/16W 100R J		R736	VE-30012657	RESISTOR	1/16W 1K J	
R509	VE-30012641	RESISTOR	1/16W 10K J		R737	VE-30012657	RESISTOR	1/16W 1K J	
R510	VE-30012644	RESISTOR	1/16W 12K J		R738	VE-30012657	RESISTOR	1/16W 1K J	
R511	VE-30012696	RESISTOR	1/16W 47K J		R739	VE-30012657	RESISTOR	1/16W 1K J	
R512	VE-30012684	RESISTOR	1/16W 330R J		R740	VE-30000469	RESISTOR	1/10W 1K J	
R513	VE-30012713	RESISTOR	1/16W 75R J		R741	VE-30000469	RESISTOR	1/10W 1K J	
R514	VE-30012669	RESISTOR	1/16W 22K J		R742	VE-30012642	RESISTOR	1/16W 120K J	
R515	VE-30012669	RESISTOR	1/16W 22K J		R743	VE-30012644	RESISTOR	1/16W 12K J	
R516	VE-30012695	RESISTOR	1/16W 470R J		R744	VE-30012696	RESISTOR	1/16W 47K J	
R517	VE-30012659	RESISTOR	1/16W 2.2K J		R745	VE-30012700	RESISTOR	1/16W 51K J	
R518	VE-30012510	RESISTOR	1/16W 100R J		R746	VE-30024811	RESISTOR	1/16W 33K F	
R522	VE-30012685	RESISTOR	1/16W 33K J		R747	VE-30012713	RESISTOR	1/16W 75R J	
R523	VE-30012677	RESISTOR	1/16W 3.3K J		R748	VE-30012713	RESISTOR	1/16W 75R J	
R524	VE-30012643	RESISTOR	1/16W 120R J		R749	VE-30012668	RESISTOR	1/16W 220R J	
R525	VE-30012707	RESISTOR	1/16W 680R J		R750	VE-30000688	RESISTOR	1/10W 390R J	
R527	VE-30012705	RESISTOR	1/16W 6.8K J		R751	VE-30012510	RESISTOR	1/16W 100R J	
R528	VE-30012574	CAPACITOR	470pF 50V J		R752	VE-30012657	RESISTOR	1/16W 1K J	
R529	VE-30012982	RESISTOR	1/16W 10R J		R753	VE-30012641	RESISTOR	1/16W 10K J	
R530	VE-30014022	RESISTOR	1/16W 47R J		R754	VE-30012668	RESISTOR	1/16W 220R J	
R531	VE-30012692	RESISTOR	1/16W 4.7K J		R755	VE-30012668	RESISTOR	1/16W 220R J	
R600	VE-30012713	RESISTOR	1/16W 75R J		R758	VE-30012668	RESISTOR	1/16W 220R J	
R601	VE-30012713	RESISTOR	1/16W 75R J		R761	VE-30010560	CAPACITOR	220nF 25V K	
R602	VE-30012510	RESISTOR	1/16W 100R J		R762	VE-30012713	RESISTOR	1/16W 75R J	
R603	VE-30012510	RESISTOR	1/16W 100R J		R764	VE-30012657	RESISTOR	1/16W 1K J	
R604	VE-30012982	RESISTOR	1/16W 10R J		R765	VE-30012641	RESISTOR	1/16W 10K J	
R605	VE-30012695	RESISTOR	1/16W 470R J		R766	VE-30012509	RESISTOR	1/16W 100K J	
R606	VE-30012641	RESISTOR	1/16W 10K J		R767	VE-30012509	RESISTOR	1/16W 100K J	
R607	VE-30012692	RESISTOR	1/16W 4.7K J		R768	VE-30012509	RESISTOR	1/16W 100K J	
R608	VE-30012713	RESISTOR	1/16W 75R J		R769	VE-30012509	RESISTOR	1/16W 100K J	
R609	VE-30012982	RESISTOR	1/16W 10R J		R770	VE-30012641	RESISTOR	1/16W 10K J	
R610	VE-30012695	RESISTOR	1/16W 470R J		R771	VE-30012641	RESISTOR	1/16W 10K J	
R611	VE-30012641	RESISTOR	1/16W 10K J		R772	VE-30012510	RESISTOR	1/16W 100R J	
R612	VE-30012692	RESISTOR	1/16W 4.7K J		R773	VE-30012510	RESISTOR	1/16W 100R J	
R613	VE-30012713	RESISTOR	1/16W 75R J		R774	VE-30012657	RESISTOR	1/16W 1K J	
R614	VE-30000797	RESISTOR	1/10W 75R J		R775	VE-30012657	RESISTOR	1/16W 1K J	
R615	VE-30012713	RESISTOR	1/16W 75R J		R776	VE-30012657	RESISTOR	1/16W 1K J	
R617	VE-30012713	RESISTOR	1/16W 75R J		R778	VE-30012641	RESISTOR	1/16W 10K J	
R618	VE-30012982	RESISTOR	1/16W 10R J		R779	VE-30012509	RESISTOR	1/16W 100K J	
R619	VE-30012695	RESISTOR	1/16W 470R J		R780	VE-30012669	RESISTOR	1/16W 22K J	
R620	VE-30012641	RESISTOR	1/16W 10K J		R784	VE-30010560	CAPACITOR	220nF 25V K	
R621	VE-30012692	RESISTOR	1/16W 4.7K J		R785	VE-30010560	CAPACITOR	220nF 25V K	
R622	VE-30012713	RESISTOR	1/16W 75R J		R786	VE-30012713	RESISTOR	1/16W 75R J	
R623	VE-30012713	RESISTOR	1/16W 75R J		R787	VE-30012713	RESISTOR	1/16W 75R J	
R625	VE-30012982	RESISTOR	1/16W 10R J		R788	VE-30012657	RESISTOR	1/16W 1K J	
R626	VE-30012695	RESISTOR	1/16W 470R J		R795	VE-30012510	RESISTOR	1/16W 100R J	
R627	VE-30012641	RESISTOR	1/16W 10K J		R796	VE-30012510	RESISTOR	1/16W 100R J	
R628	VE-30012692	RESISTOR	1/16W 4.7K J		R797	VE-30012657	RESISTOR	1/16W 1K J	
R629	VE-30012713	RESISTOR	1/16W 75R J		R798	VE-30012657	RESISTOR	1/16W 1K J	
R630	VE-30000797	RESISTOR	1/10W 75R J		R799	VE-30012657	RESISTOR	1/16W 1K J	
R631	VE-30012713	RESISTOR	1/16W 75R J		R800	VE-30012692	RESISTOR	1/16W 4.7K J	
R632	VE-30012509	RESISTOR	1/16W 100K J		R905	VE-30012641	RESISTOR	1/16W 10K J	
R633	VE-30012509	RESISTOR	1/16W 100K J		R906	VE-30012509	RESISTOR	1/16W 100K J	
R636	VE-30012509	RESISTOR	1/16W 100K J		R908	VE-30012510	RESISTOR	1/16W 100R J	
R637	VE-30012509	RESISTOR	1/16W 100K J		R916	VE-30000833	RESISTOR	1/10W 91R J	
R700	VE-30012641	RESISTOR	1/16W 10K J		R917	VE-30000833	RESISTOR	1/10W 91R J	
R701	VE-30012641	RESISTOR	1/16W 10K J		R918	VE-30012705	RESISTOR	1/16W 6.8K J	
R702	VE-30012510	RESISTOR	1/16W 100R J		R919	VE-30000588	RESISTOR	1/10W 220R J	
R703	VE-30012510	RESISTOR	1/16W 100R J		R920	VE-30000469	RESISTOR	1/10W 1K J	
R704	VE-30012692	RESISTOR	1/16W 4.7K J		R921	VE-30000558	RESISTOR	1/10W 180R J	
R705	VE-30012685	RESISTOR	1/16W 33K J		R922	VE-30012641	RESISTOR	1/16W 10K J	
R706	VE-30012641	RESISTOR	1/16W 10K J		R923	VE-30012641	RESISTOR	1/16W 10K J	
R707	VE-30012685	RESISTOR	1/16W 33K J		R924	VE-30012641	RESISTOR	1/16W 10K J	
R708	VE-30012715	RESISTOR	1/16W 82K J		R925	VE-30012641	RESISTOR	1/16W 10K J	
R709	VE-30012715	RESISTOR	1/16W 82K J		R926	VE-30012641	RESISTOR	1/16W 10K J	
R710	VE-30012641	RESISTOR	1/16W 10K J		R927	VE-30012641	RESISTOR	1/16W 10K J	
R711	VE-30012510	RESISTOR	1/16W 100R J		R928	VE-30012641	RESISTOR	1/16W 10K J	
R712	VE-30012657	RESISTOR	1/16W 1K J		R929	VE-30012669	RESISTOR	1/16W 22K J	
R713	VE-30012657	RESISTOR	1/16W 1K J		R930	VE-30012641	RESISTOR	1/16W 10K J	
R714	VE-30012702	RESISTOR	1/16W 560R J		R931	VE-30012641	RESISTOR	1/16W 10K J	
R715	VE-30012702	RESISTOR	1/16W 560R J		R933	VE-30012510	RESISTOR	1/16W 100R J	
R716	VE-30012702	RESISTOR	1/16W 560R J		R934	VE-30012510	RESISTOR	1/16W 100R J	
R717	VE-30012702	RESISTOR	1/16W 560R J		R935	VE-30012659	RESISTOR	1/16W 2.2K J	
R718	VE-30012657	RESISTOR	1/16W 1K J						
R719	VE-30012657	RESISTOR	1/16W 1K J		L101	VE-30001971	FERRITE	600R/100MHz 200mA	
R720	VE-30023426	FIXED COIL	1.2uH		L102	VE-30020896	FERRITE	120R/100MHz 200mA	
R721	VE-30023426	FIXED COIL	1.2uH		L104	VE-30001971	FERRITE	600R/100MHz 200mA	
R722	VE-30023426	FIXED COIL	1.2uH		L105	VE-30001971	FERRITE	600R/100MHz 200mA	
R723	VE-30012713	RESISTOR	1/16W 75R J		L109	VE-30001971	FERRITE	600R/100MHz 200mA	
R724	VE-30012713	RESISTOR	1/16W 75R J		L110	VE-30001971	FERRITE	600R/100MHz 200mA	
R725	VE-30012713	RESISTOR	1/16W 75R J		L111	VE-30001971	FERRITE	600R/100MHz 200mA	
R726	VE-30012657	RESISTOR	1/16W 1K J		L113	VE-30020896	FERRITE	120R/100MHz 200mA	
R727	VE-30012657	RESISTOR	1/16W 1K J		L114	VE-30020896	FERRITE	120R/100MHz 200mA	
R728	VE-30023426	FIXED COIL	1.2uH		L300	VE-30020531	FERRITE	220R/100MHz 2A	
R729	VE-30012713	RESISTOR	1/16W 75R J		L301	VE-30020531	FERRITE	220R/100MHz 2A	
R730	VE-30023426	FIXED COIL	1.2uH		L302	VE-30020531	FERRITE	220R/100MHz 2A	
R731	VE-30012713	RESISTOR	1/16W 75R J		L303	VE-30020531	FERRITE	220R/100MHz 2A	
R732	VE-30012713	RESISTOR	1/16W 75R J		L304	VE-30001990	FIXED COIL	6.8uH	
R733	VE-30023426	FIXED COIL	1.2uH		L305	VE-30001990	FIXED COIL	6.8uH	
R734	VE-30012510	RESISTOR	1/16W 100R J		L306	VE-30001971	FERRITE	600R/100MHz 200mA	

△Ref No.	Part No.	Part Name	Description	Local
L308	VE-30002170	FERRITE CORE		
L309	VE-30001971	FERRITE	600R/100MHz 200mA	
L310	VE-30020393	FERRITE	600R/100MHz 200mA	
L311	VE-30020393	FERRITE	600R/100MHz 200mA	
L312	VE-30020393	FERRITE	600R/100MHz 200mA	
L313	VE-30020393	FERRITE	600R/100MHz 200mA	
L314	VE-30020393	FERRITE	600R/100MHz 200mA	
L315	VE-30001971	FERRITE	600R/100MHz 200mA	
L316	VE-30001971	FERRITE	600R/100MHz 200mA	
L401	VE-30001971	FERRITE	600R/100MHz 200mA	
L402	VE-30001971	FERRITE	600R/100MHz 200mA	
L408	VE-30001971	FERRITE	600R/100MHz 200mA	
L409	VE-30001996	FIXED COIL	22uH	
L501	VE-30001971	FERRITE	600R/100MHz 200mA	
L502	VE-30001971	FERRITE	600R/100MHz 200mA	
L503	VE-30001971	FERRITE	600R/100MHz 200mA	
L504	VE-30001996	FIXED COIL	22uH	
L600	VE-30020531	FERRITE	220R/100MHz 2A	
L700	VE-30001971	FERRITE	600R/100MHz 200mA	
L701	VE-30001971	FERRITE	600R/100MHz 200mA	
L702	VE-30001971	FERRITE	600R/100MHz 200mA	
L703	VE-30001971	FERRITE	600R/100MHz 200mA	
L704	VE-30001971	FERRITE	600R/100MHz 200mA	
L705	VE-30001971	FERRITE	600R/100MHz 200mA	
L707	VE-30001971	FERRITE	600R/100MHz 200mA	
L708	VE-30001971	FERRITE	600R/100MHz 200mA	
L709	VE-30001971	FERRITE	600R/100MHz 200mA	
L710	VE-30006712	FERRITE BEAD		
L711	VE-30013412	FERRITE	1.5K/100MHz 500 mA	
L712	VE-30013412	FERRITE	1.5K/100MHz 500 mA	
L713	VE-30001971	FERRITE	600R/100MHz 200mA	
L714	VE-30001971	FERRITE	600R/100MHz 200mA	
L715	VE-30001971	FERRITE	600R/100MHz 200mA	
L716	VE-30001971	FERRITE	600R/100MHz 200mA	
L717	VE-30001971	FERRITE	600R/100MHz 200mA	
L718	VE-30024779	FERRITE	50R/100MHz 3A	
L719	VE-30024779	FERRITE	50R/100MHz 3A	
L721	VE-30024779	FERRITE	50R/100MHz 3A	
L722	VE-30024779	FERRITE	50R/100MHz 3A	
L723	VE-30001971	FERRITE	600R/100MHz 200mA	
L724	VE-30013412	FERRITE	1.5K/100MHz 500 mA	
L725	VE-30013412	FERRITE	1.5K/100MHz 500 mA	
L726	VE-30001971	FERRITE	600R/100MHz 200mA	
L727	VE-30001971	FERRITE	600R/100MHz 200mA	
L728	VE-30001971	FERRITE	600R/100MHz 200mA	
L729	VE-30001971	FERRITE	600R/100MHz 200mA	
L730	VE-30029326	FIXED COIL	33uH	
L731	VE-30029326	FIXED COIL	33uH	
L732	VE-30029326	FIXED COIL	33uH	
L733	VE-30029326	FIXED COIL	33uH	
L740	VE-30001971	FERRITE	600R/100MHz 200mA	
L741	VE-30001971	FERRITE	600R/100MHz 200mA	
L742	VE-30020393	FERRITE	600R/100MHz 200mA	
L743	VE-30020393	FERRITE	600R/100MHz 200mA	
L744	VE-30020393	FERRITE	600R/100MHz 200mA	
L746	VE-30020529	FERRITE	120R/100MHz 200mA	
L748	VE-30020393	FERRITE	600R/100MHz 200mA	
L749	VE-30020393	FERRITE	600R/100MHz 200mA	
L800	VE-30020531	FERRITE	220R/100MHz 2A	
L801	VE-30002170	FERRITE CORE		
L802	VE-30020394	FERRITE	330R/100MHz 3A	
L803	VE-30020394	FERRITE	330R/100MHz 3A	
L805	VE-30001971	FERRITE	600R/100MHz 200mA	
L911	VE-30011450	FIXED COIL	22uH	
△F900	VE-30035282	FUSE	5A/32VDC	
△F901	VE-30028331	FUSE	7A/32VDC	
JK700	VE-30001902	JACK	PC AUDIO IN	
JK702	VE-30032636	JACK	EXT3-AUDIO IN(L)	
JK703	VE-30032638	JACK	EXT3-AUDIO IN(R)	
JK704	VE-30032638	JACK	EXT3-Pr IN	
JK705	VE-30032233	JACK	EXT3-Y IN	
JK706	VE-30032234	JACK	EXT3-Pb IN	
PL101	VE-30032051	D SOCKET	D-SUB 15P FOR TFT	
PL700	VE-30018089	SOCET SCART BLACK	EXT-1	
		TFT		
PL701	VE-30018089	SOCET SCART BLACK	EXT-2	
		TFT		
S730	VE-30012695	RESISTOR	1/16W 470R J	
TU500	VE-30040264	TUNER		
X100	VE-30017946	CLYSTAT	14.318 MHZ	
X300	VE-30006662	CLYSTAT		
X400	VE-30008778	CLYSTAT		
X500	VE-30021113	CLYSTAT	4MHZ	
X700	VE-30001756	CLYSTAT		
Z500	VE-30001692	SAW FILTER		
Z501	VE-30012545	SAW FILTER		

POWER P.W. BOARD ASS'Y (VE-20221280)

△Ref No.	Part No.	Part Name	Description	Local
△IC801	VE-30015087	IC		
IC802	VE-30039471	IC		
IC806	VE-30033966	IC		
IC807	VE-30014541	IC		
△IC809	VE-30015087	IC		
△IC811	VE-30015087	IC		
IC824	VE-30033743	TRANSISTOR		
IC825	VE-30036548	DIODE		
IC827	VE-30001284	DIODE		
IC828	VE-30001668	IC		
Q802	VE-30001457	TRANSISTOR		
Q803	VE-30039463	TRANSISTOR		
Q804	VE-30001457	TRANSISTOR		
Q805	VE-30001457	TRANSISTOR		
Q806	VE-30001457	TRANSISTOR		
Q807	VE-30001457	TRANSISTOR		
Q808	VE-30001457	TRANSISTOR		
Q809	VE-30002734	TRANSISTOR		
Q810	VE-30001457	TRANSISTOR		
Q811	VE-30001458	TRANSISTOR		
Q812	VE-30001457	TRANSISTOR		
Q813	VE-30039463	TRANSISTOR		
Q814	VE-30039463	TRANSISTOR		
Q818	VE-30001457	TRANSISTOR		
Q820	VE-30001457	TRANSISTOR		
Q822	VE-30001458	TRANSISTOR		
Q823	VE-30001457	TRANSISTOR		
Q824	VE-30001458	TRANSISTOR		
Q827	VE-30039202	DIODE		
Q828	VE-30039205	DIODE		
Q830	VE-30001457	TRANSISTOR		
Q831	VE-30001457	TRANSISTOR		
Q832	VE-30007802	TRANSISTOR		
Q833	VE-30001457	TRANSISTOR		
Q834	VE-30001457	TRANSISTOR		
Q835	VE-30001457	TRANSISTOR		
Q837	VE-30029322	TRANSISTOR		
Q838	VE-30001457	TRANSISTOR		
Q839	VE-30001455	TRANSISTOR		
Q840	VE-30001455	TRANSISTOR		
Q841	VE-30001458	TRANSISTOR		
D800	VE-30007758	DIODE		
D805	VE-30001285	DIODE		
D806	VE-30031925	DIODE		
D807	VE-30031925	DIODE		
D809	VE-30001353	Z DIODE		
D810	VE-30038480	Z DIODE		
D811	VE-30001285	DIODE		
D812	VE-30001285	DIODE		
D813	VE-30001285	DIODE		
D814	VE-30001285	DIODE		
D815	VE-30001285	DIODE		
D818	VE-30031925	DIODE		
D819	VE-30008996	IC		
D820	VE-30031925	DIODE		
D821	VE-30038492	Z DIODE		
D823	VE-30001318	DIODE		
D824	VE-30039464	DIODE		
D826	VE-30038493	Z DIODE		
D831	VE-30031925	DIODE		
D832	VE-30031925	DIODE		
D835	VE-30001285	DIODE		
D836	VE-30038478	Z DIODE		
D838	VE-30008996	IC		
D842	VE-30001285	DIODE		
D845	VE-20223878	DIODE		
D846	VE-20223878	DIODE		
D847	VE-30038497	Z DIODE		
D850	VE-30008996	IC		
D851	VE-30008996	IC		
D852	VE-30008996	IC		
D853	VE-30001285	DIODE		
D854	VE-30001353	Z DIODE		
D855	VE-30001285	DIODE		
D856	VE-30001285	DIODE		
D857	VE-30001285	DIODE		
D859	VE-30022478	DIODE		
D860	VE-30022478	DIODE		
D861	VE-30022478	DIODE		
△C800	VE-30000084	CAPACITOR	150nF 275V M	
C801	VE-30000387	E CAPACITOR	33uF 50V M	
C802	VE-30039383	CAPACITOR	1uF 450V K	
C805	VE-30012610	CAPACITOR	10nF 50V J	
C806	VE-30018416	E CAPACITOR	470uF 16V M	
C808	VE-30000294	CAPACITOR	100nF 50V K	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C810	VE-30000436	C CAPACITOR	10nF 1KV Z	R844	VE-30000459	RESISTOR	1/4W 100R J
C812	VE-30000359	E CAPACITOR	1000uF 16V M	R846	VE-30000459	RESISTOR	1/4W 100R J
△C813	VE-30000440	C CAPACITOR	2.2nF 4KV M	R847	VE-30000475	RESISTOR	1/10W 10K J
C814	VE-30016085	E CAPACITOR	10uF 63V	R849	VE-30023134	RESISTOR	1/16W 470R F
C815	VE-30007308	C CAPACITOR	220pF 1KV K	R850	VE-30012509	RESISTOR	1/16W 100K J
C817	VE-30000376	E CAPACITOR	220uF 25V M	R851	VE-30000469	RESISTOR	1/10W 1K J
C818	VE-30031826	E CAPACITOR	4700uF 6.3V M	R852	VE-30012641	RESISTOR	1/16W 10K J
C822	VE-30012581	CAPACITOR	1nF 50V K	R855	VE-30012509	RESISTOR	1/16W 100K J
C824	VE-30016654	CAPACITOR	100nF 16V K	R856	VE-30012692	RESISTOR	1/16W 4.7K J
C826	VE-30016085	E CAPACITOR	10uF 63V	R857	VE-30012644	RESISTOR	1/16W 12K J
C829	VE-30016654	CAPACITOR	100nF 16V K	R858	VE-30012692	RESISTOR	1/16W 4.7K J
C830	VE-30016654	CAPACITOR	100nF 16V K	R859	VE-30012685	RESISTOR	1/16W 33K J
C833	VE-30000294	CAPACITOR	100nF 50V K	R860	VE-30000653	RESISTOR	1/10W 33R J
C834	VE-30000387	E CAPACITOR	33uF 50V M	R861	VE-30000653	RESISTOR	1/10W 33R J
C835	VE-30000387	E CAPACITOR	33uF 50V M	R862	VE-30012696	RESISTOR	1/16W 47K J
C836	VE-30000074	CAPACITOR	100nF 63V J	R863	VE-30012685	RESISTOR	1/16W 33K J
C837	VE-30000352	E CAPACITOR	100uF 16V M	R864	VE-30012641	RESISTOR	1/16W 10K J
C838	VE-30000345	E CAPACITOR	10uF 50V M	R865	VE-30012641	RESISTOR	1/16W 10K J
C839	VE-30016654	CAPACITOR	100nF 16V K	R866	VE-30012641	RESISTOR	1/16W 10K J
C840	VE-30000387	E CAPACITOR	33uF 50V M	R867	VE-30012712	RESISTOR	1/16W 8.2K J
C841	VE-30012603	CAPACITOR	100nF 25V K	R868	VE-30012704	RESISTOR	1/16W 6.2K J
C842	VE-30039384	CAPACITOR	1nF 1KV K	R869	VE-30000742	RESISTOR	1/4W 56R J
C845	VE-30012603	CAPACITOR	100nF 25V K	R870	VE-30000737	RESISTOR	1/4W 5.1K J
△C847	VE-30012061	C CAPACITOR	1nF 4KV M E	R871	VE-30000748	RESISTOR	1/4W 5.6K J
C848	VE-30000365	E CAPACITOR	1uF 160V M	R872	VE-30012641	RESISTOR	1/16W 10K J
C849	VE-30012585	CAPACITOR	2.2nF 50V K	R873	VE-30000710	RESISTOR	1/10W 47R J
C850	VE-30007748	E CAPACITOR	1000uF 35V M	R874	VE-30012657	RESISTOR	1/16W 1K J
C851	VE-30005819	E CAPACITOR	1000uF 16V M	R875	VE-30011739	RESISTOR	1/16W 3.9K F
C852	VE-30007748	E CAPACITOR	1000uF 35V M	R876	VE-30000953	RESISTOR	1/4W 30K F
C853	VE-30000365	E CAPACITOR	1uF 160V M	R877	VE-30012685	RESISTOR	1/16W 33K J
C855	VE-30000096	CAPACITOR	27nF 100V J	R878	VE-30000470	RESISTOR	1/2W 10K J
C856	VE-30012581	CAPACITOR	1nF 50V K	R879	VE-30024774	RESISTOR	1/16W 1.2K F
C857	VE-30031826	E CAPACITOR	4700uF 6.3V M	R880	VE-30012661	RESISTOR	1/16W 2.4K J
C859	VE-30007308	C CAPACITOR	220pF 1KV K	R881	VE-30012508	RESISTOR	1/16W 1.8K J
C860	VE-30031825	E CAPACITOR	2200uF 6.3V M	R882	VE-30012641	RESISTOR	1/16W 10K J
C862	VE-30000074	CAPACITOR	100nF 63V J	R883	VE-30016846	RESISTOR	1/16W 3.3K F
C863	VE-30005819	E CAPACITOR	1000uF 16V M	R884	VE-30016426	RESISTOR	1/16W 27R J
C868	VE-30016654	CAPACITOR	100nF 16V K	R887	VE-30012641	RESISTOR	1/16W 10K J
C870	VE-30000506	RESISTOR	1/10W 120K J	R888	VE-30000464	RESISTOR	1/10W 100R J
△C873	VE-30012061	C CAPACITOR	1nF 4KV M	R889	VE-30000464	RESISTOR	1/10W 100R J
C874	VE-30016085	E CAPACITOR	10uF 63V	R890	VE-30000464	RESISTOR	1/10W 100R J
C877	VE-30000137	CAPACITOR	15nF 630Vdc / 622Vpp J	R891	VE-30012692	RESISTOR	1/16W 4.7K J
C878	VE-30000137	CAPACITOR	15nF 630Vdc / 622Vpp J	R892	VE-30000471	RESISTOR	1/4W 10K J
C881	VE-30016085	E CAPACITOR	10uF 63V	R893	VE-30012641	RESISTOR	1/16W 10K J
C882	VE-30016654	CAPACITOR	100nF 16V K	R897	VE-30000477	RESISTOR	1/4W 100K J
C884	VE-30012585	CAPACITOR	2.2nF 50V K	R910	VE-30012696	RESISTOR	1/16W 47K J
C886	VE-30039139	CAPACITOR	470nF 50V K	R912	VE-30039196	RESISTOR	1/4W 1M F
C887	VE-30039139	CAPACITOR	470nF 50V K	R913	VE-30039196	RESISTOR	1/4W 1M F
C888	VE-30039139	CAPACITOR	470nF 50V K	R914	VE-30039196	RESISTOR	1/4W 1M F
C889	VE-30039139	CAPACITOR	470nF 50V K	R915	VE-30039196	RESISTOR	1/4W 1M F
C890	VE-30039383	CAPACITOR	1uF 450V K	R917	VE-30012667	RESISTOR	1/16W 220K J
C892	VE-30000371	E CAPACITOR	22uF 50V M	R918	VE-30012641	RESISTOR	1/16W 10K J
C893	VE-30039384	CAPACITOR	1nF 1KV K	R919	VE-30012696	RESISTOR	1/16W 47K J
C894	VE-30000294	CAPACITOR	100nF 50V K	R920	VE-30012696	RESISTOR	1/16W 47K J
C898	VE-30012585	CAPACITOR	2.2nF 50V K	R921	VE-30000469	RESISTOR	1/10W 1K J
C901	VE-30000413	E CAPACITOR	4.7uF 50V M	R922	VE-30012672	RESISTOR	1/16W 270K J
C904	VE-30020694	CAPACITOR	1uF 16V Z	R923	VE-30012641	RESISTOR	1/16W 10K J
C906	VE-30010555	CAPACITOR	1uF 16V K	R924	VE-30012355	RESISTOR	1/10W 6.8K F
C907	VE-30010555	CAPACITOR	1uF 16V K	R925	VE-30014420	RESISTOR	1/16W 10K F
C908	VE-30010555	CAPACITOR	1uF 16V K	R926	VE-30039196	RESISTOR	1/4W 1M F
C909	VE-30010555	CAPACITOR	1uF 16V K	R927	VE-30039196	RESISTOR	1/4W 1M F
C913	VE-30010555	CAPACITOR	1uF 16V K	R928	VE-30039196	RESISTOR	1/4W 1M F
△R801	VE-30018085	CAPACITOR VAR	510V K	R929	VE-30000469	RESISTOR	1/10W 1K J
R803	VE-30012674	RESISTOR	1/16W 27K J	R930	VE-30012641	RESISTOR	1/16W 10K J
R805	VE-30039196	RESISTOR	1/4W 1M F	R931	VE-30024770	RESISTOR	1/16W 6.34K F
R806	VE-30039196	RESISTOR	1/4W 1M F	R932	VE-30039196	RESISTOR	1/4W 1M F
R807	VE-30039196	RESISTOR	1/4W 1M F	R933	VE-30012644	RESISTOR	1/16W 12K J
R814	VE-30001096	RESISTOR	1W 120K J	R940	VE-30039196	RESISTOR	1/4W 1M F
R815	VE-30010555	CAPACITOR	1uF 16V K	R941	VE-30012509	RESISTOR	1/16W 100K J
R817	VE-30039401	RESISTOR	1/4W 330K F	R942	VE-30012701	RESISTOR	1/16W 560K J
R818	VE-30039401	RESISTOR	1/4W 330K F	R944	VE-30012696	RESISTOR	1/16W 47K J
R819	VE-30039401	RESISTOR	1/4W 330K F	R945	VE-30010656	RESISTOR	1/10W 59K F
R820	VE-30000782	RESISTOR	1/10W 68K J	R947	VE-30012703	RESISTOR	1/16W 56K J
R822	VE-30012696	RESISTOR	1/16W 47K J	R948	VE-30012644	RESISTOR	1/16W 12K J
R823	VE-30000517	RESISTOR	1/10W 15R J	R949	VE-30012508	RESISTOR	1/16W 1.8K J
R824	VE-30012677	RESISTOR	1/16W 3.3K J	R950	VE-30012712	RESISTOR	1/16W 8.2K J
R825	VE-30000464	RESISTOR	1/10W 100R J	R951	VE-30012508	RESISTOR	1/16W 1.8K J
R826	VE-30012508	RESISTOR	1/16W 1.8K J	R952	VE-30006462	RESISTOR	1/10W 22R J
R828	VE-30000723	RESISTOR	1/4W 47K J	R953	VE-30000843	RESISTOR	1/4W 10R J
R830	VE-20197746	RESISTOR		R956	VE-30013001	RESISTOR	1/16W 1K F
R831	VE-30012508	RESISTOR	1/16W 1.8K J	R957	VE-30013001	RESISTOR	1/16W 1K F
R832	VE-30012685	RESISTOR	1/16W 33K J	R958	VE-30000592	RESISTOR	1/8W 2.2K J
R833	VE-30000471	RESISTOR	1/4W 10K J	△R960	VE-30001257	RESISTOR	1/2W 4.7M J
R834	VE-30012641	RESISTOR	1/16W 10K J	R961	VE-30000457	RESISTOR	1/10W 10R J
R836	VE-30012644	RESISTOR	1/16W 12K J	R962	VE-30000717	RESISTOR	1/10W 470R J
R837	VE-30012649	RESISTOR	1/16W 150R J	R963	VE-30000778	RESISTOR	1/10W 6.8K J
R838	VE-30000664	RESISTOR	1/10W 3.3K J	R964	VE-30012509	RESISTOR	1/16W 100K J
R839	VE-30000664	RESISTOR	1/10W 3.3K J	R965	VE-30000471	RESISTOR	1/4W 10K J
R843	VE-30000721	RESISTOR	1/10W 4.7K J	R966	VE-30012641	RESISTOR	1/16W 10K J
				R967	VE-30012657	RESISTOR	1/16W 1K J

△Ref No.	Part No.	Part Name	Description Local
R968	VE-30013001	RESISTOR	1/16W 1K F
R969	VE-30014170	RESISTOR	1/16W 9.1K F
R970	VE-30012696	RESISTOR	1/16W 47K J
R971	VE-20197746	RESISTOR	
R972	VE-30012657	RESISTOR	1/16W 1K J
R973	VE-30012650	RESISTOR	1/16W 15K J
R974	VE-30012657	RESISTOR	1/16W 1K J
R976	VE-30006462	RESISTOR	1/10W 22R J
R977	VE-30012641	RESISTOR	1/16W 10K J
R978	VE-30000529	RESISTOR	1/10W 1.5K J
R979	VE-30000529	RESISTOR	1/10W 1.5K J
△TR801	VE-30039386	LINE FILTER	
△TR802	VE-30039386	LINE FILTER	
△TR803	VE-30033946	TRF	
TR804	VE-30036809	TRF DRIVER	
△TR805	VE-30036684	TRF	
△TR806	VE-30036822	TRF	
L802	VE-30039360	COIL CHOKE	
L804	VE-30032610	FIXED COIL	10uH 3A
L810	VE-30039349	INDUCTOR	
L811	VE-30018122	COIL	
L813	VE-30002027	FIXED COIL	1MH Q50 K
F800	VE-20190654	FUSE ASSY	
PL808	VE-30040955	E CAPACITOR	150uF 450V M 25*40mm 105Aa

SWITCH P.W. BOARD ASS'Y (VE-20219781)

△Ref No.	Part No.	Part Name	Description Local
△R100	VE-30018085	CAPACITOR VAR	510V K
F100	VE-20000849	FUSE ASSY	
△PL100	VE-30001871	AC INLET	
△SW100	VE-30002175	SWITCH ON/OFF	
△TH100	VE-30001265	NTC MONITOR 10R/3A SCK-103	

SIDE CONTROL P.W. BOARD ASS'Y (VE-20211052)

△Ref No.	Part No.	Part Name	Description Local
R1	VE-30000689	RESISTOR	1/4W 3.9K J
R2	VE-30000526	RESISTOR	1/4W 1.5K J
R3	VE-30000770	RESISTOR	1/4W 680R J
R4	VE-30000712	RESISTOR	1/4W 470R J
R5	VE-30000622	RESISTOR	1/4W 270R J
SW1	VE-30016022	TACT SWITCH	VOL-
SW2	VE-30016022	TACT SWITCH	VOL+
SW3	VE-30016022	TACT SWITCH	PROGRAM-
SW4	VE-30016022	TACT SWITCH	PROGRAM+
SW5	VE-30016022	TACT SWITCH	MENU
SW17	VE-30016022	TACT SWITCH	POWER
SW19	VE-30016022	TACT SWITCH	TV/AV

AV JACK P.W. BOARD ASS'Y (VE-20230006)

△Ref No.	Part No.	Part Name	Description Local
D1	VE-30016020	Z DIODE	
D2	VE-30016020	Z DIODE	
D3	VE-30016020	Z DIODE	
C102	VE-30000190	C CAPACITOR	100pF 50V J
C103	VE-30000190	C CAPACITOR	100pF 50V J
C104	VE-30000190	C CAPACITOR	100pF 50V J
C105	VE-30000190	C CAPACITOR	100pF 50V J
C106	VE-30000190	C CAPACITOR	100pF 50V J
C107	VE-30000190	C CAPACITOR	100pF 50V J
C108	VE-30000190	C CAPACITOR	100pF 50V J
R104	VE-30000594	RESISTOR	1/4W 22K J
R105	VE-30000712	RESISTOR	1/4W 470R J
R106	VE-30000594	RESISTOR	1/4W 22K J
R107	VE-30000712	RESISTOR	1/4W 470R J
R108	VE-30000650	RESISTOR	1/4W 33R J
R109	VE-30000650	RESISTOR	1/4W 33R J
R110	VE-30000594	RESISTOR	1/4W 22K J
R111	VE-30000712	RESISTOR	1/4W 470R J

△Ref No.	Part No.	Part Name	Description Local
R112	VE-30000594	RESISTOR	1/4W 22K J
R113	VE-30000712	RESISTOR	1/4W 470R J
R114	VE-30000594	RESISTOR	1/4W 22K J
R115	VE-30000712	RESISTOR	1/4W 470R J
L102	VE-30001979	FIXED COIL	1uH
L103	VE-30001979	FIXED COIL	1uH
L104	VE-30006712	FERRITE BEAD	
L105	VE-30006712	FERRITE BEAD	
L106	VE-30006712	FERRITE BEAD	
L107	VE-30006712	FERRITE BEAD	
L108	VE-30006712	FERRITE BEAD	
L109	VE-30006712	FERRITE BEAD	
JK101	VE-30032639	JACK	EXT4-VIDEO IN
JK102	VE-30032636	JACK	EXT4-AUDIO IN(L)
JK103	VE-30032638	JACK	EXT4-AUDIO IN(R)
JK104	VE-30001895	JACK	EXT4-S-VIDEO IN
JK105	VE-30001891	JACK	AUDIO OUT(L)
JK106	VE-30001892	JACK	AUDIO OUT(R)
JK107	VE-30033200	JACK	SUBWOOFER OUT

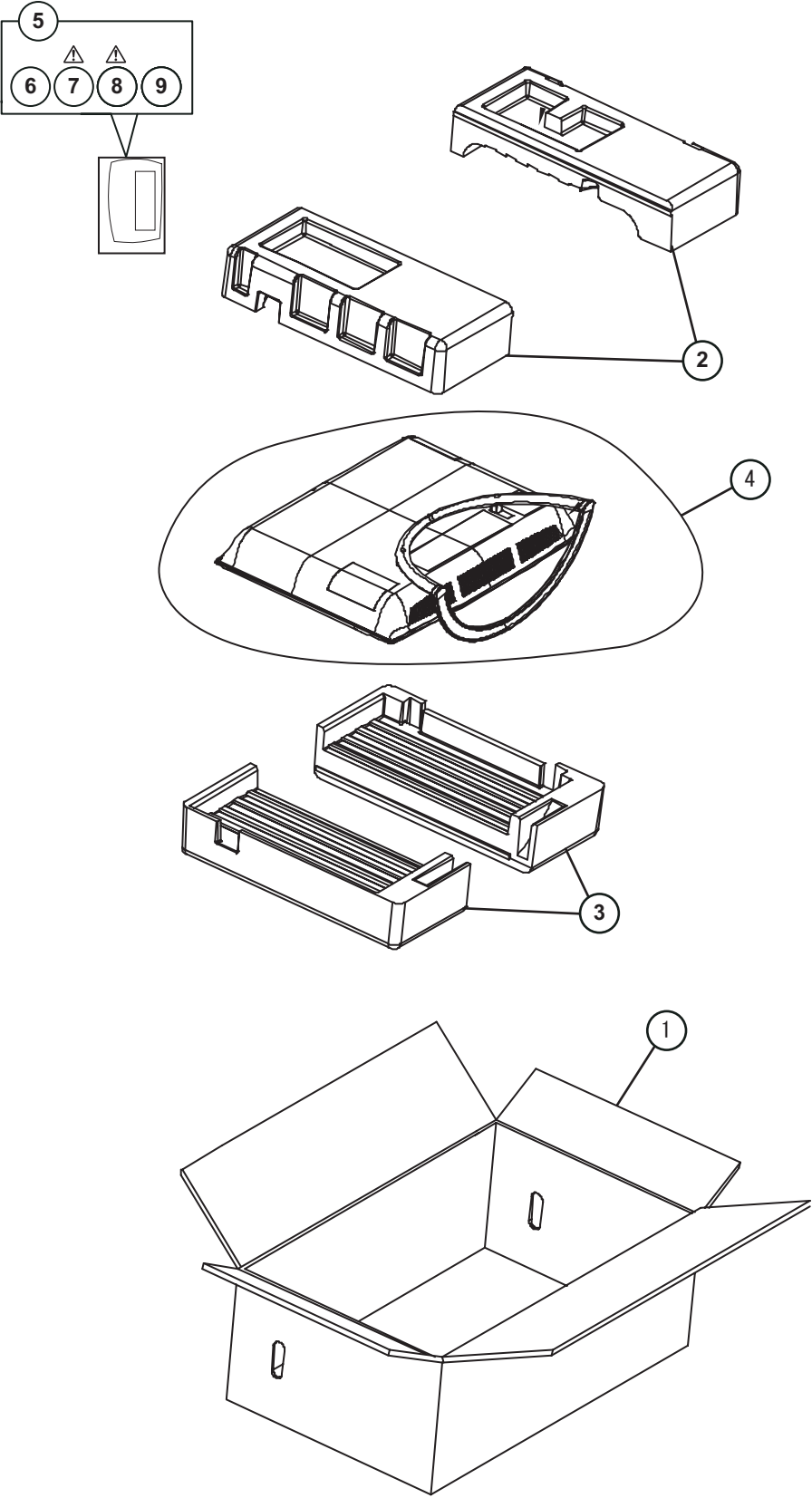
LED P.W. BOARD ASS'Y (VE-20211058)

△Ref No.	Part No.	Part Name	Description Local
IC10	VE-30031033	PREAMPLIFIER	
D10	VE-30030991	LED	RED/GREEN
C10	VE-30000371	E CAPACITOR	22uF 50V M
R1	VE-30000459	RESISTOR	1/4W 100R J

HEADPHONE P.W. BOARD ASS'Y (VE-20224791)

△Ref No.	Part No.	Part Name	Description Local
C100	VE-30012589	CAPACITOR	4.7nF 50V K
C101	VE-30012589	CAPACITOR	4.7nF 50V K
C808	VE-30016654	CAPACITOR	100nF 16V K
R100	VE-30012649	RESISTOR	1/16W 150R J
R101	VE-30012649	RESISTOR	1/16W 150R J
R102	VE-30012641	RESISTOR	1/16W 10K J
R103	VE-30012641	RESISTOR	1/16W 10K J
L100	VE-30001996	FIXED COIL	22uH
L101	VE-30001996	FIXED COIL	22uH
JK100	VE-30031077	HEADPHONE JACK	HEADPHONE

PACKING



PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	1	VE-50074719	CARTON BOX		LT-26B60BJ
	1	VE-50074711	CARTON BOX	(IT)	LT-26B60BU
	1	VE-50074720	CARTON BOX	(DE)	LT-26B60BU
	1	VE-50074693	CARTON BOX		LT-26B60SJ
	1	VE-50074731	CARTON BOX	(IT)	LT-26B60SU
	1	VE-50074718	CARTON BOX	(DE)	LT-26B60SU
	2	VE-20185288	SNOW BOX(TOP)	2pcs in 1set	
	3	VE-20185287	SNOW BOX(BOTTOM)	2pcs in 1set	
	4	VE-50000007	POLY BAG		
	5	VE-70000587	POLY BAG		
	6	VE-30034032	REMOTE CONTROL UNIT	(RM-C1860)	
△	7	VE-30002376	POWER CORD		LT-26B60BU,LT-26B60SU
△	7	VE-30002375	POWER CORD		LT-26B60BJ,LT-26B60SJ,LT-26B60SU
△	8	VE-50074697	INST BOOK	English	LT-26B60BJ,LT-26B60SJ
△	8	VE-50074712	INST BOOK	English/German/French/Italian	LT-26B60BU,LT-26B60SU
△	8	VE-50074713	INST BOOK	Swedish/Danish/Norwegian/Finn	LT-26B60BU,LT-26B60SU
△	8	VE-50074714	INST BOOK	Polish/Czech/Hungarian	LT-26B60BU,LT-26B60SU
△	8	VE-50074715	INST BOOK	Spanish/Portuguese/Dutch	LT-26B60BU,LT-26B60SU
△	8	VE-50074717	INST BOOK	Bulgarian/Russian/Romanian	LT-26B60BU,LT-26B60SU
	9	-----	BATTERY	AA/R06(x2)	

JVC

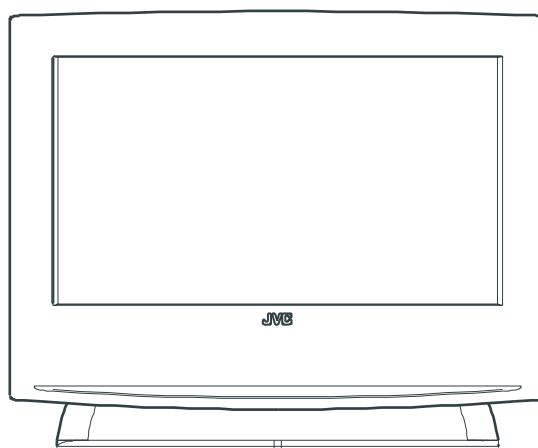
SCHEMATIC DIAGRAMS

WIDE LCD PANEL TELEVISION

LT-26B60BJ, LT-26B60BU
LT-26B60SJ, LT-26B60SU

CD-ROM No.SML200511

InteríArt



LT-26B60BJ, LT-26B60BU, LT-26B60SJ, LT-26B60SU

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the $\triangle$ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H $\Rightarrow$ 20 μ s / div
: V $\Rightarrow$ 5ms / div
: Others $\Rightarrow$ Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R209 $\rightarrow$ R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

●Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply

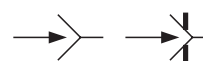
-  : B1  : B2 (12V)
-  : 9V  : 5V

* Respective voltage values are indicated

(5)Test point

-  : Test point
-  : Only test point display

(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

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USING P.W. BOARD

P.W.B ASS'Y name	LT-26B60BJ	LT-26B60BU	LT-26B60SJ	LT-26B60SU
MAIN P.W. BOARD	VE-20224628	←	←	←
POWER P.W. BOARD	VE-20221280	←	←	←
SWITCH P.W. BOARD	VE-20219781	←	←	←
SIDE CONTROL P.W. BOARD	VE-20211052	←	←	←
AV JACK P.W. BOARD	VE-20230006	←	←	←
LED P.W. BOARD	VE-20211058	←	←	←
HEADPHONE P.W. BOARD	VE-20224791	←	←	←

SEMICONDUCTOR SHAPES

TRANSISTOR

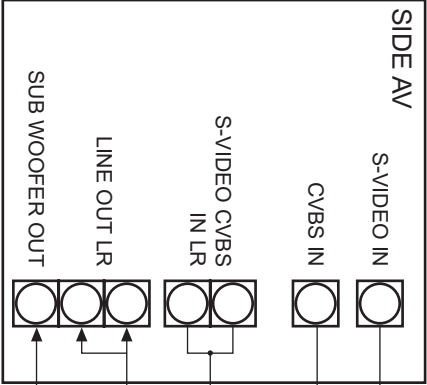
BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

IC

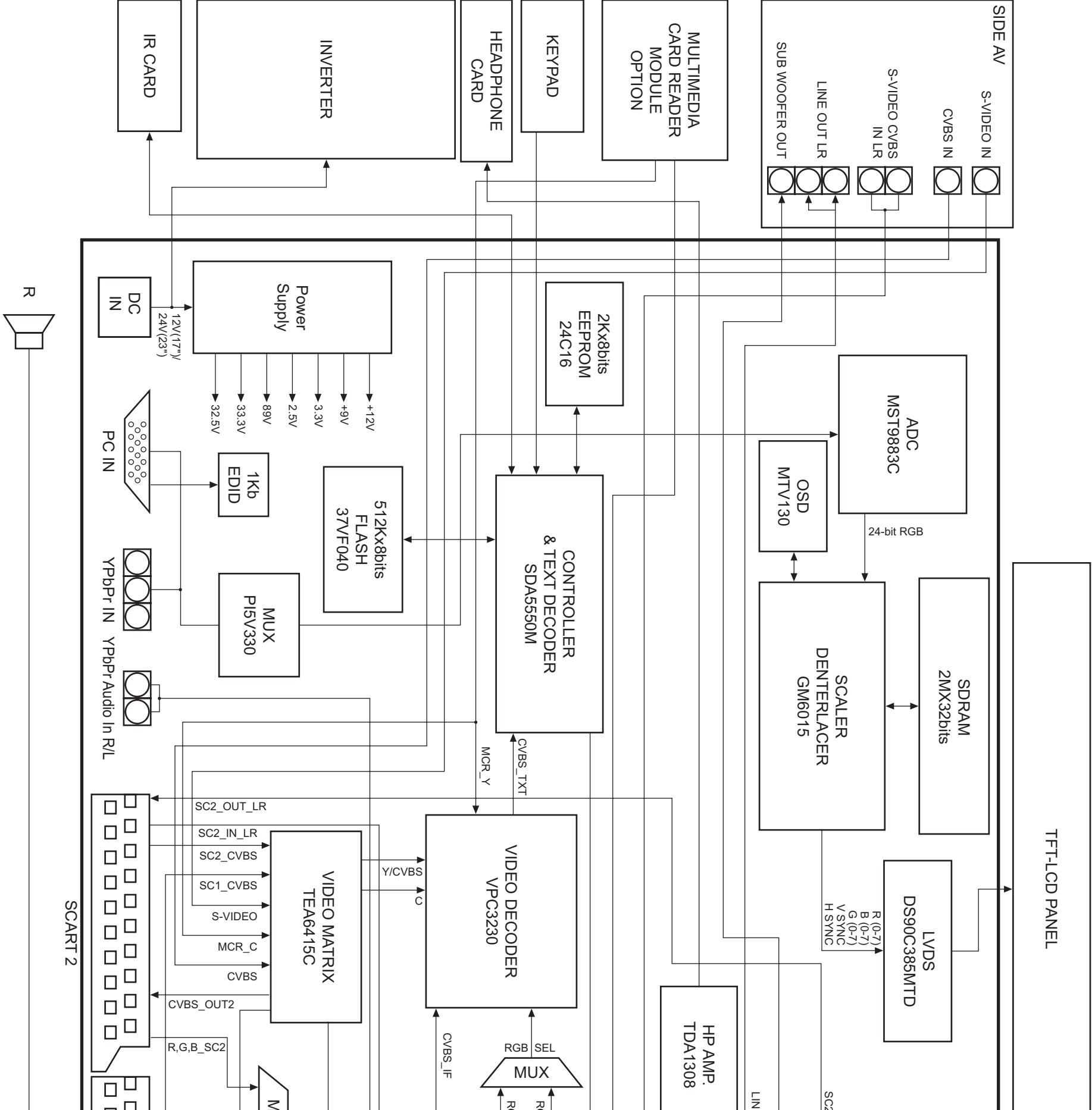
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CHIP IC

TOP VIEW		



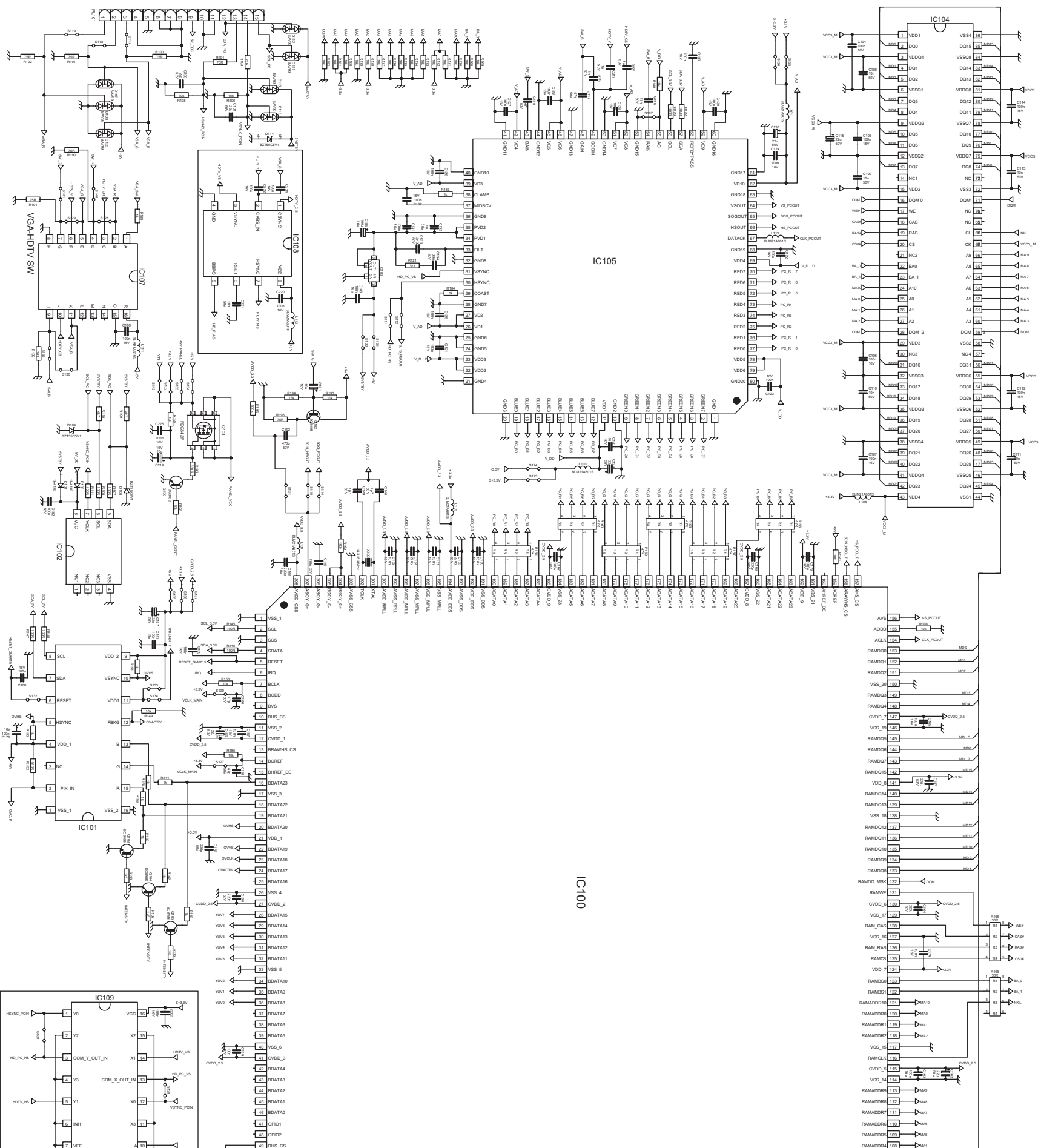
BLOCK DIAGRAM



CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/8)

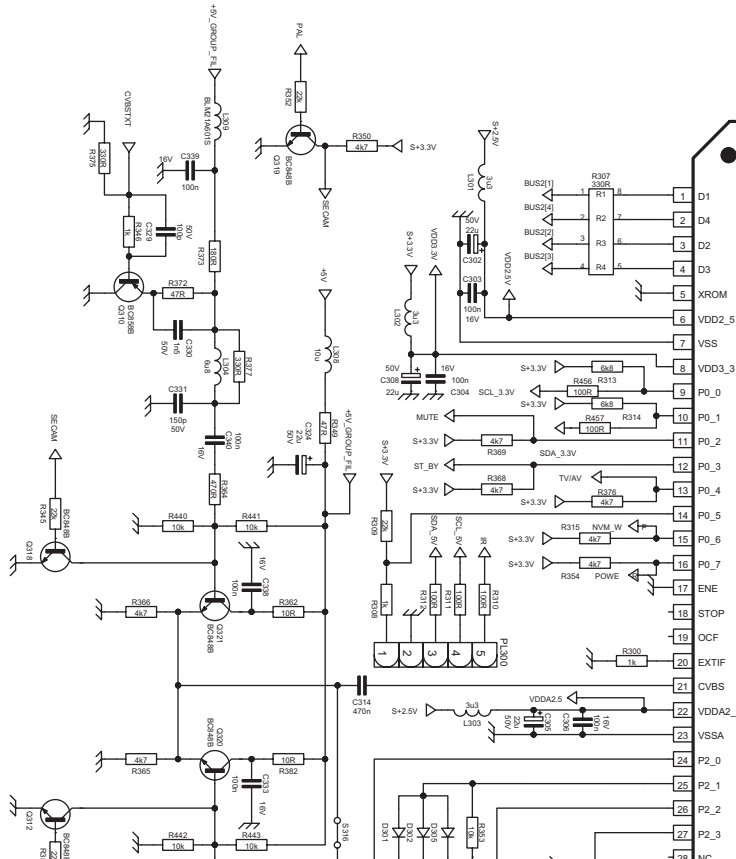
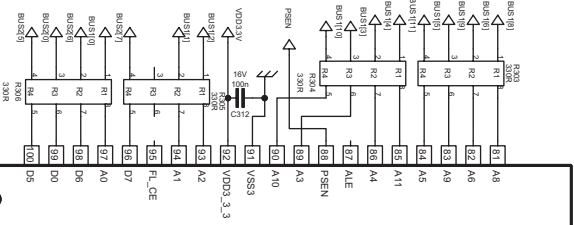
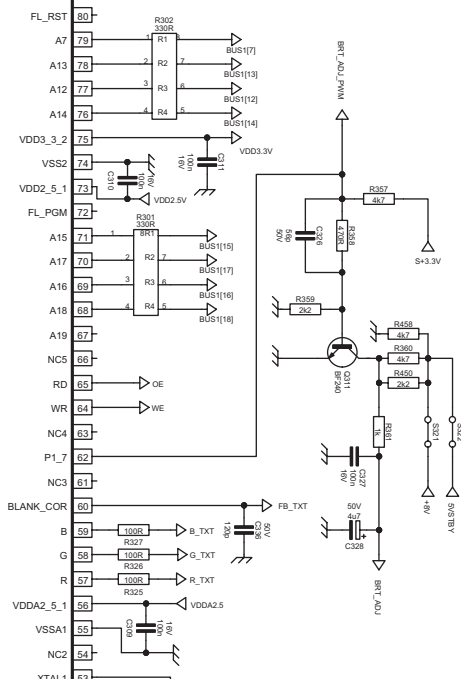
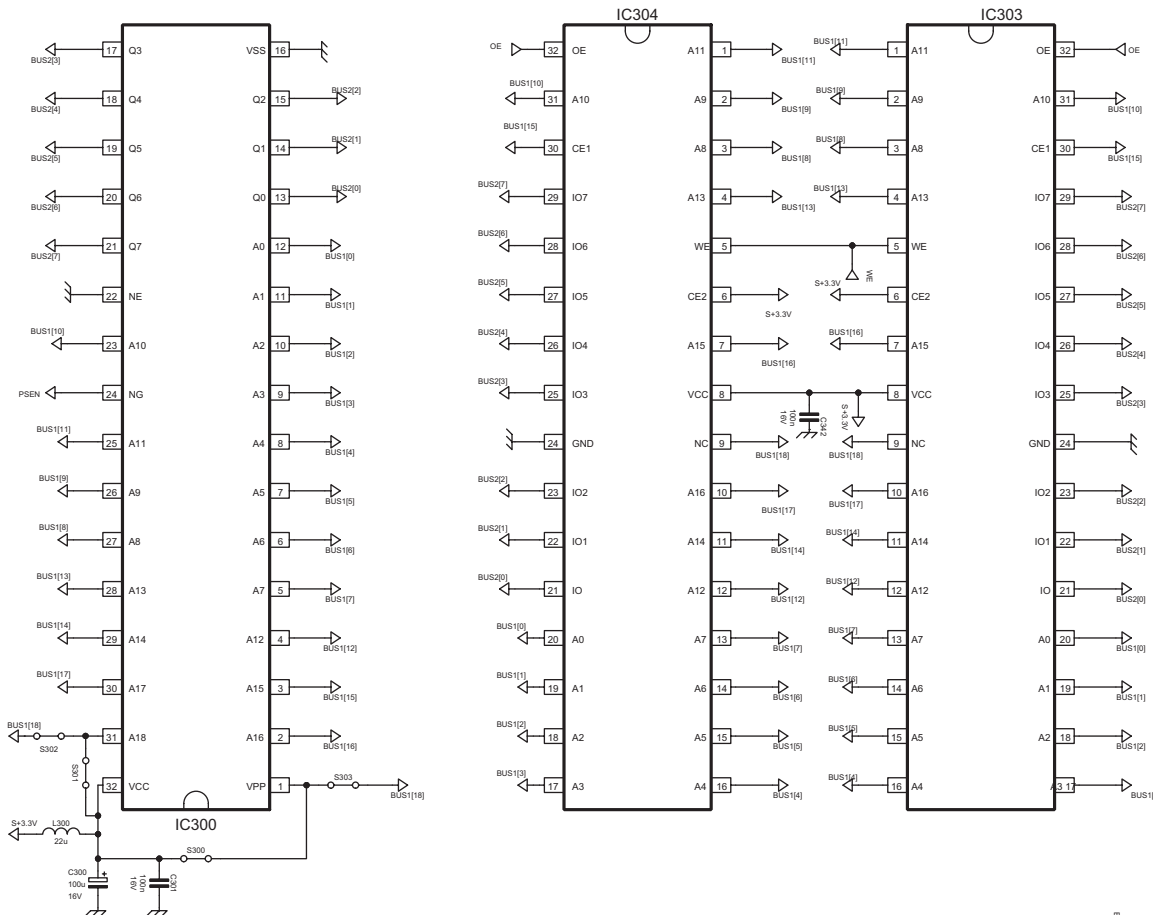
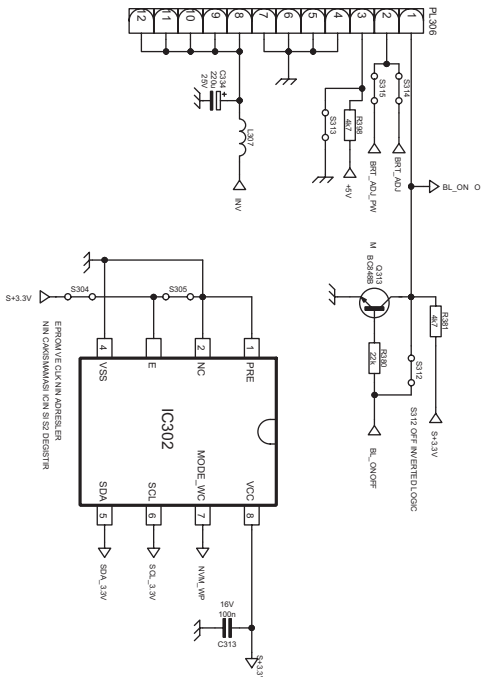
MAIN
VE-202

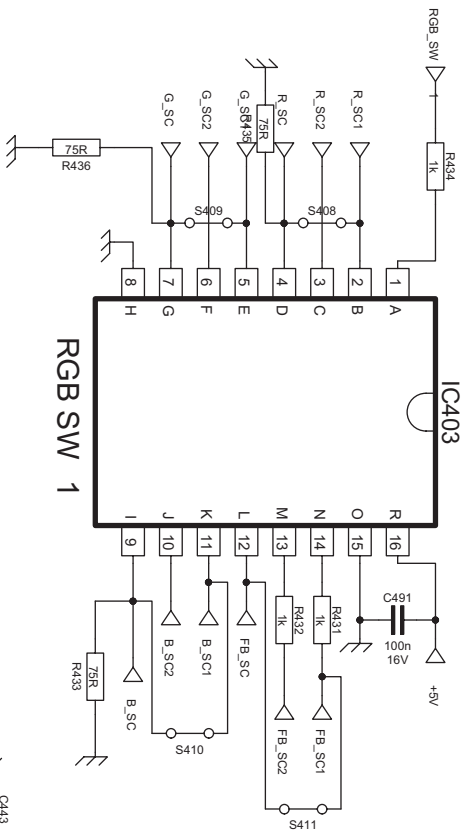


MAIN PWB ASS'Y (2/8)

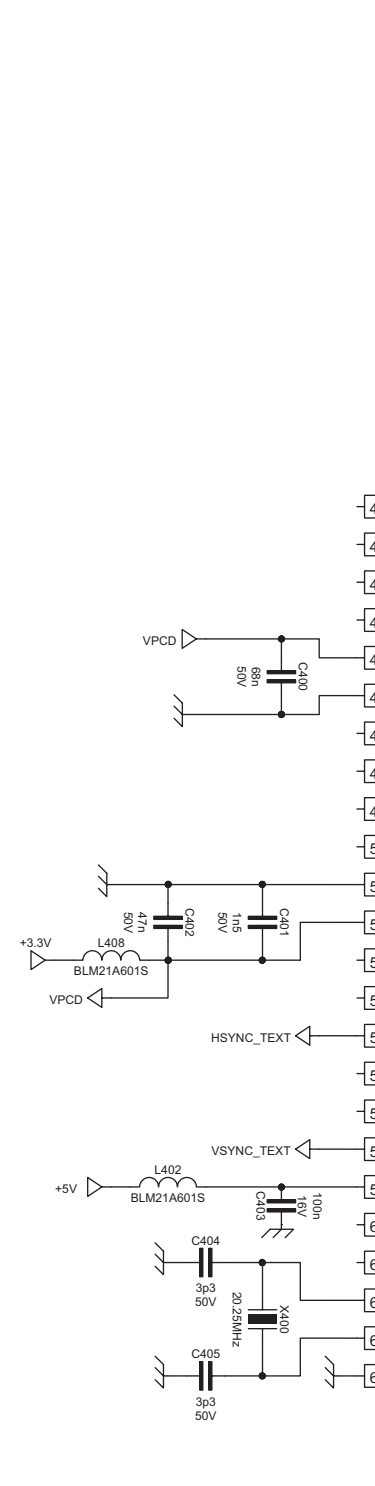
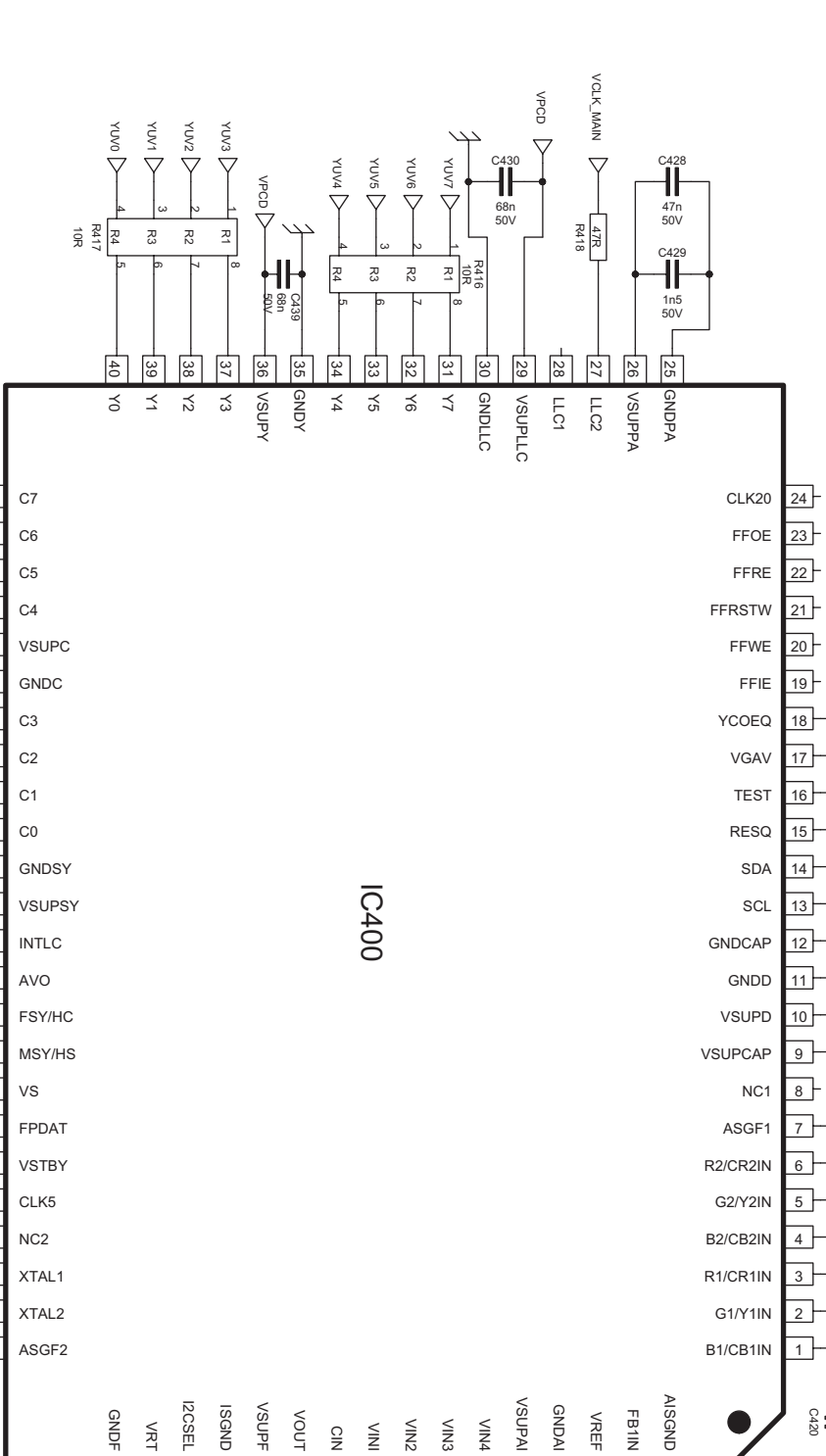
VE-202224628

NOTE : Refer to the part

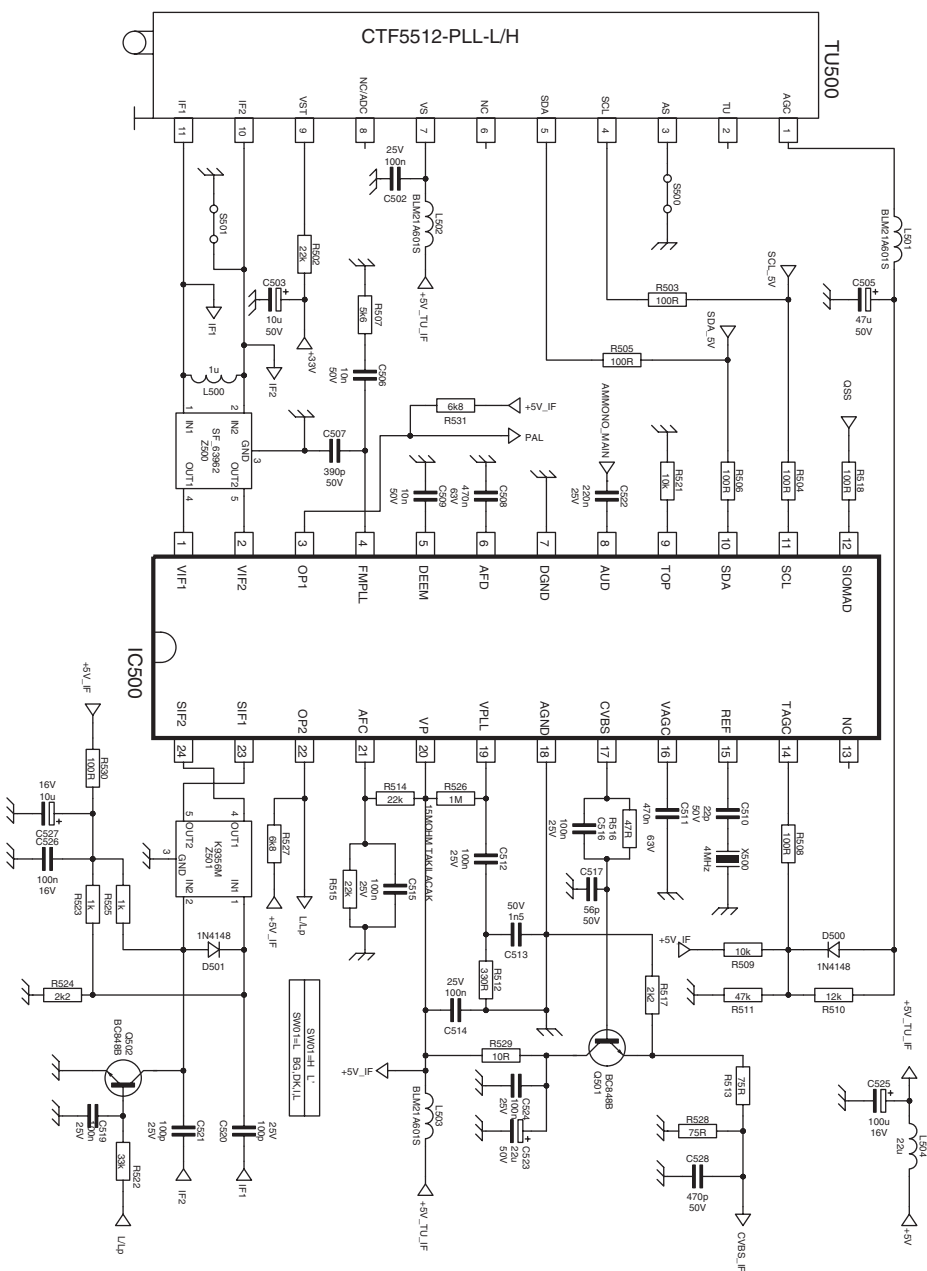




MAIN PWB CIRCUIT DIAGRAM (3/8)

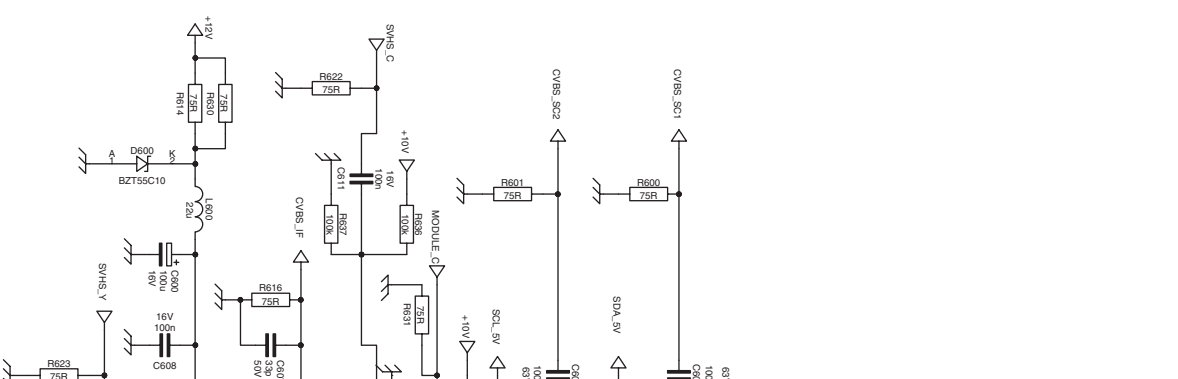


MAIN PWB CIRCUIT DIAGRAM (4/8)

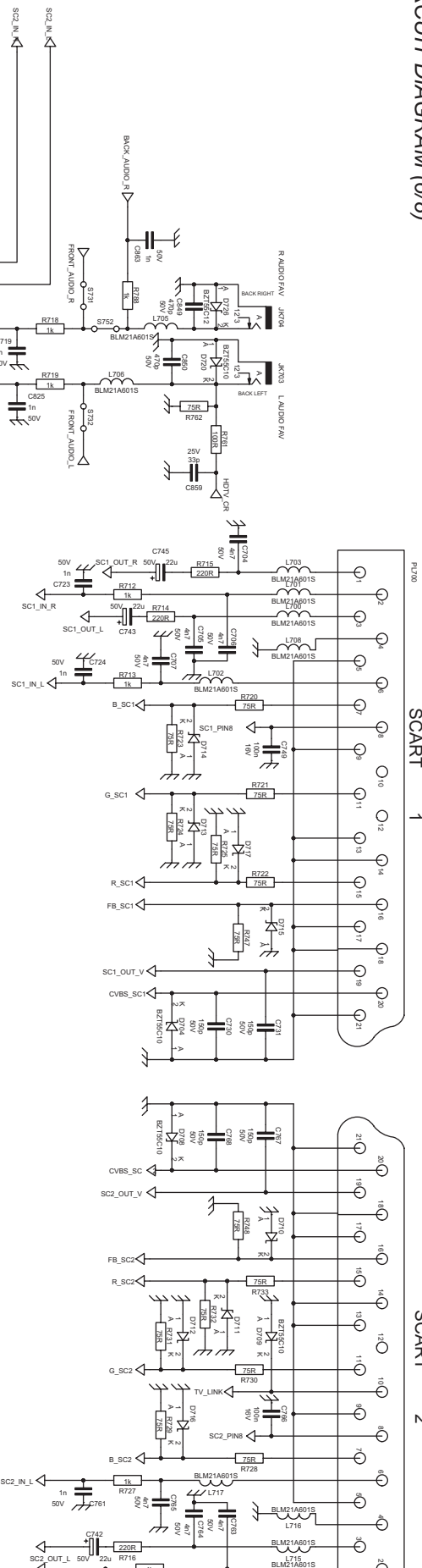


MAIN PWB ASS'Y (4/8)
VE-20224628

MAIN PWB CIRCUIT DIAGRAM (3)

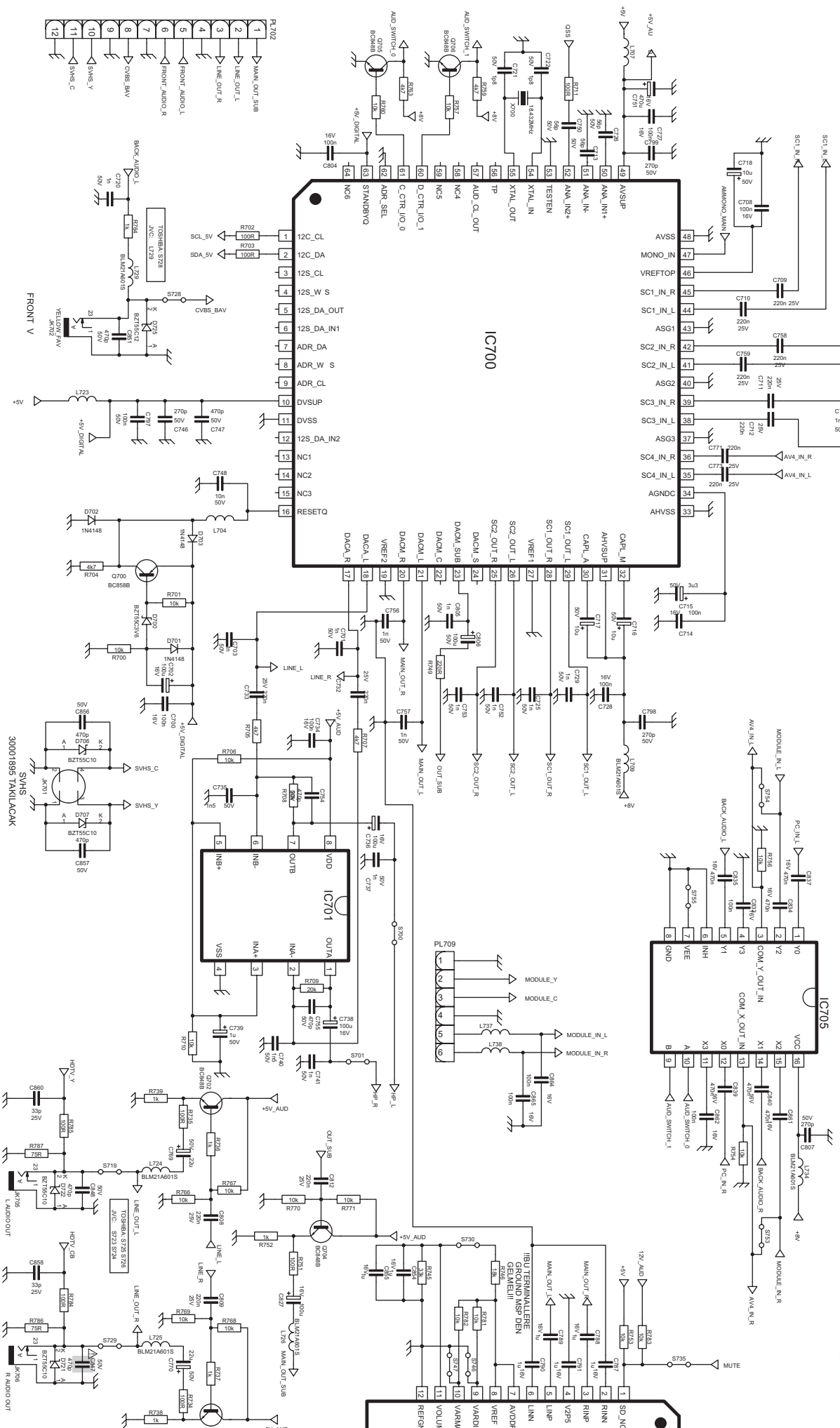


MAIN PWB CIRCUIT DIAGRAM (6/8)

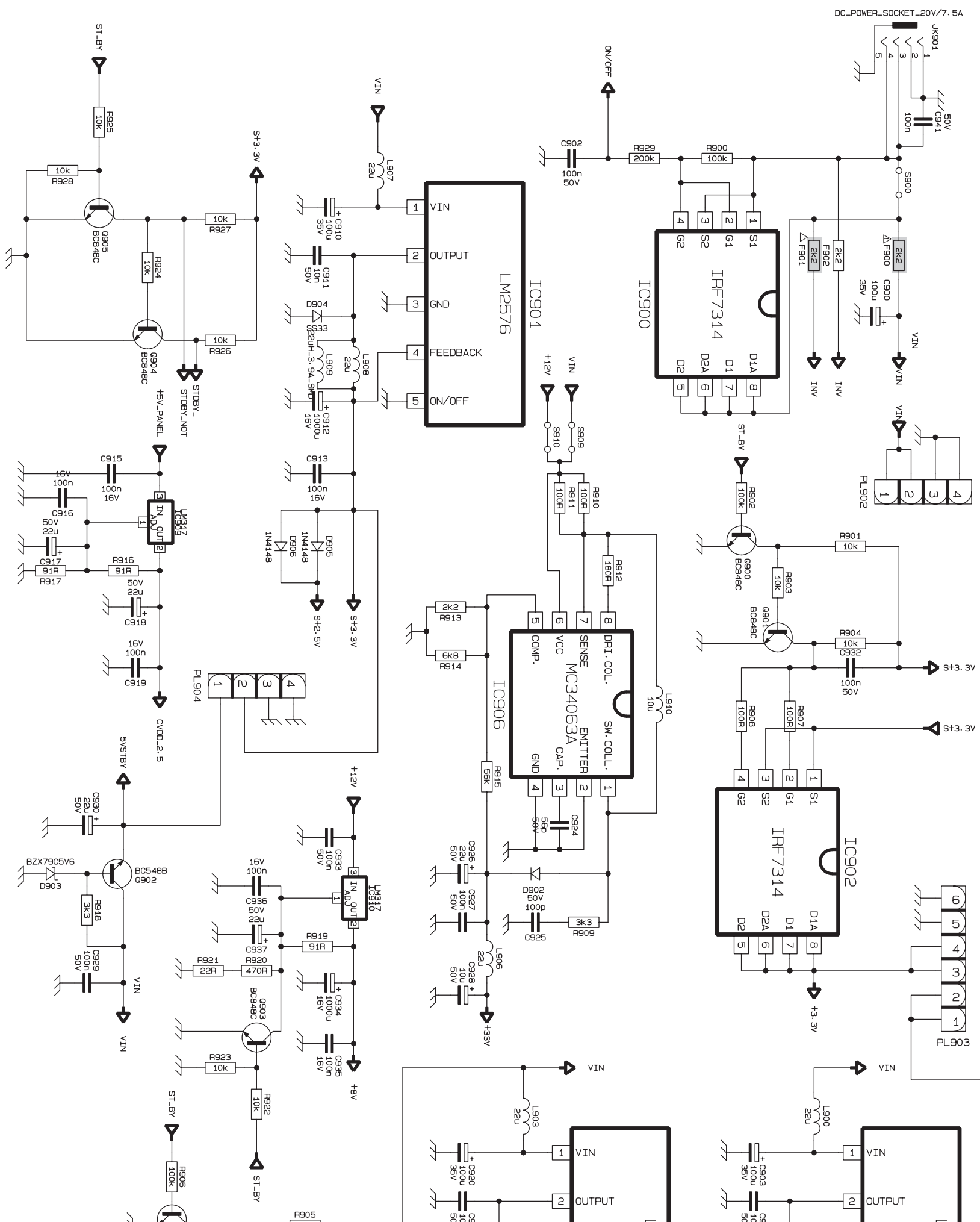


MAIN PWB ASS'Y (6/8)

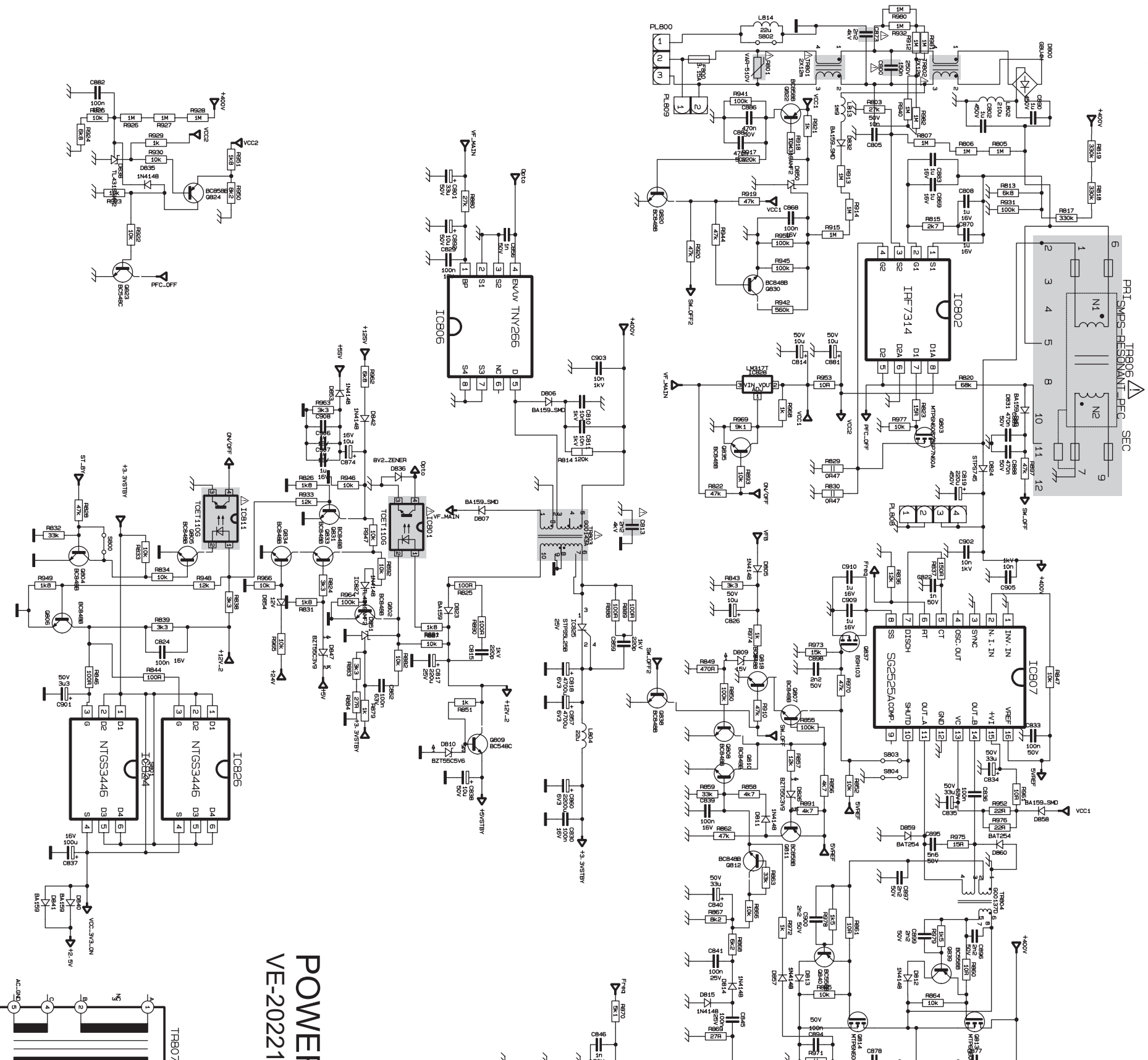
VE-20224628



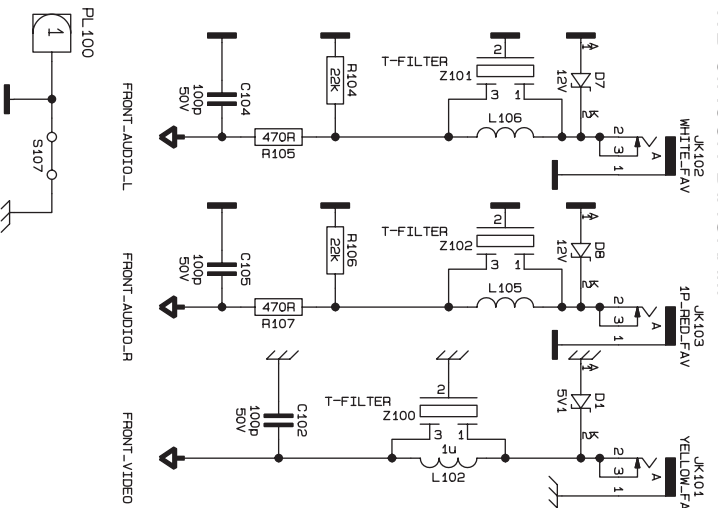
MAIN PWB CIRCUIT DIAGRAM (8/8)



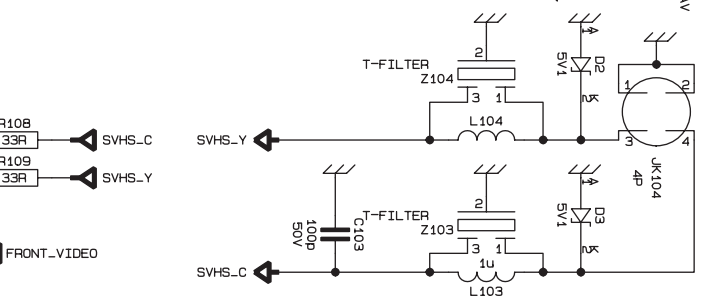
POWER PWB CIRCUIT DIAGRAM



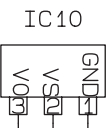
POWER
VE-20221



AV JACK PWB CIRCUIT DIAGRAM



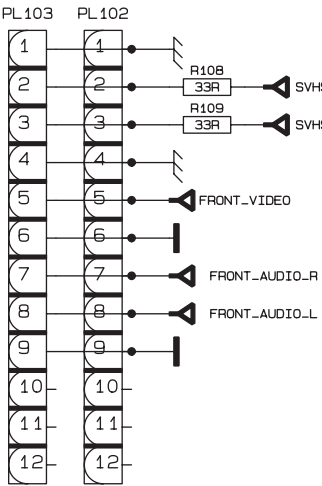
LED PWB CIRCUIT DIAGRAM



LED PWB

VE-20211058

HEADPHONE PWB CIRCUIT DIAGRAM



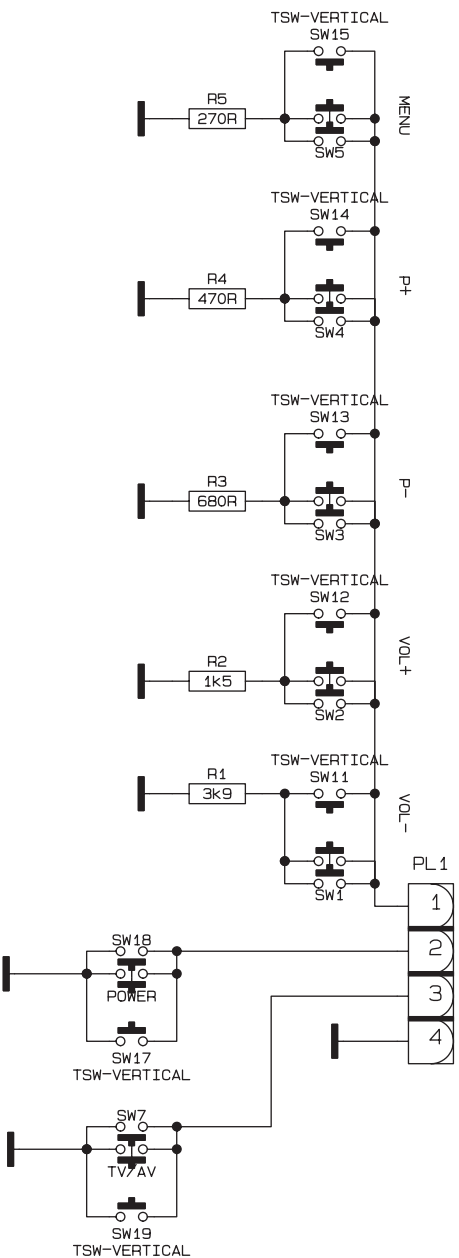
HEADPHONE PWB

VE-20224791

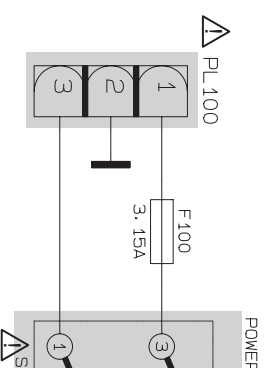
SIDE CONTROL PWB CIRCUIT DIAGRAM

AV JACK PWB

VE-20230006



SWITCH PWB CIRCUIT DIAGRAM



SIDE CONTROL PWB

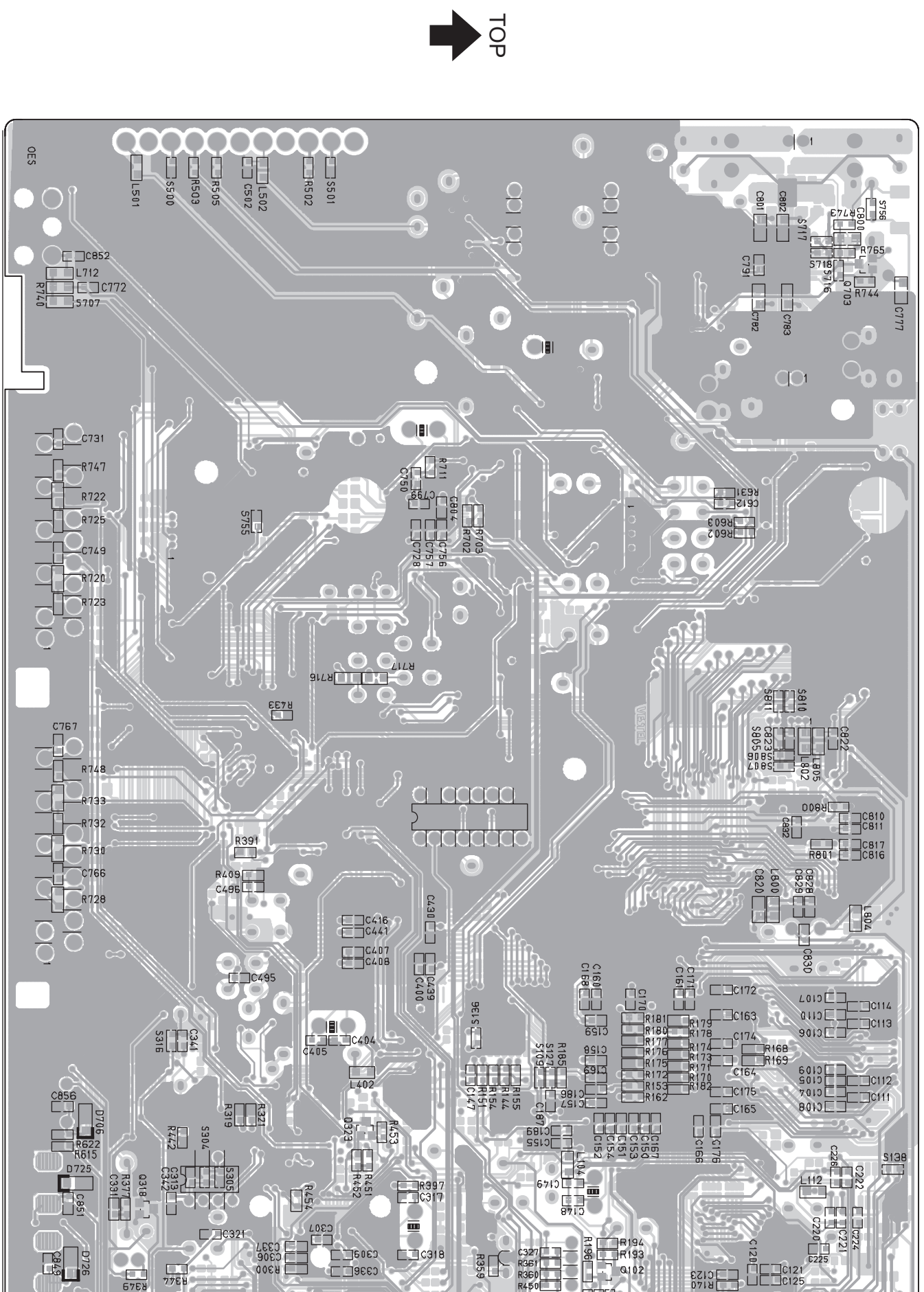
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SWITCH

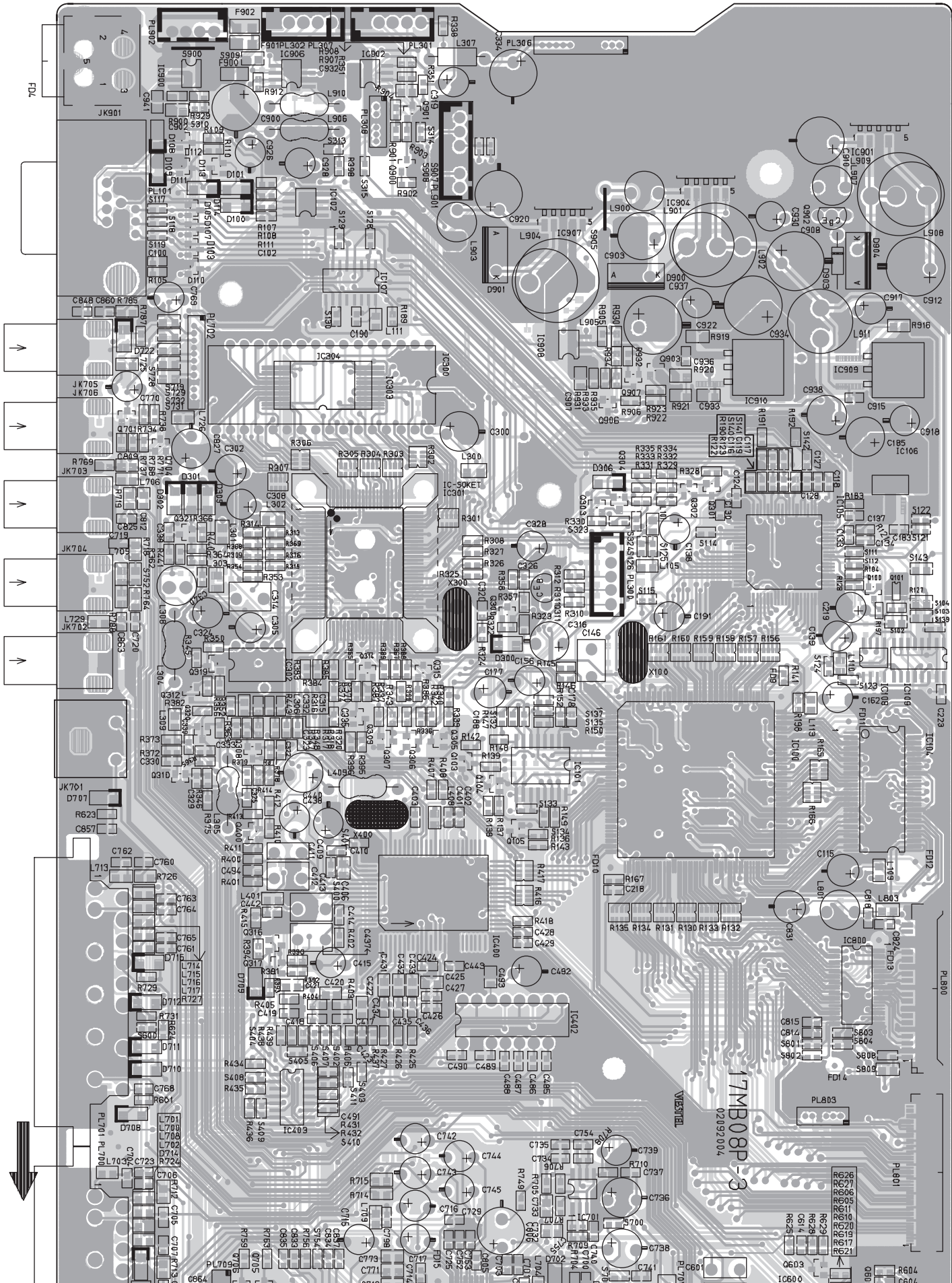
VE-202197

PATTERN DIAGRAMS

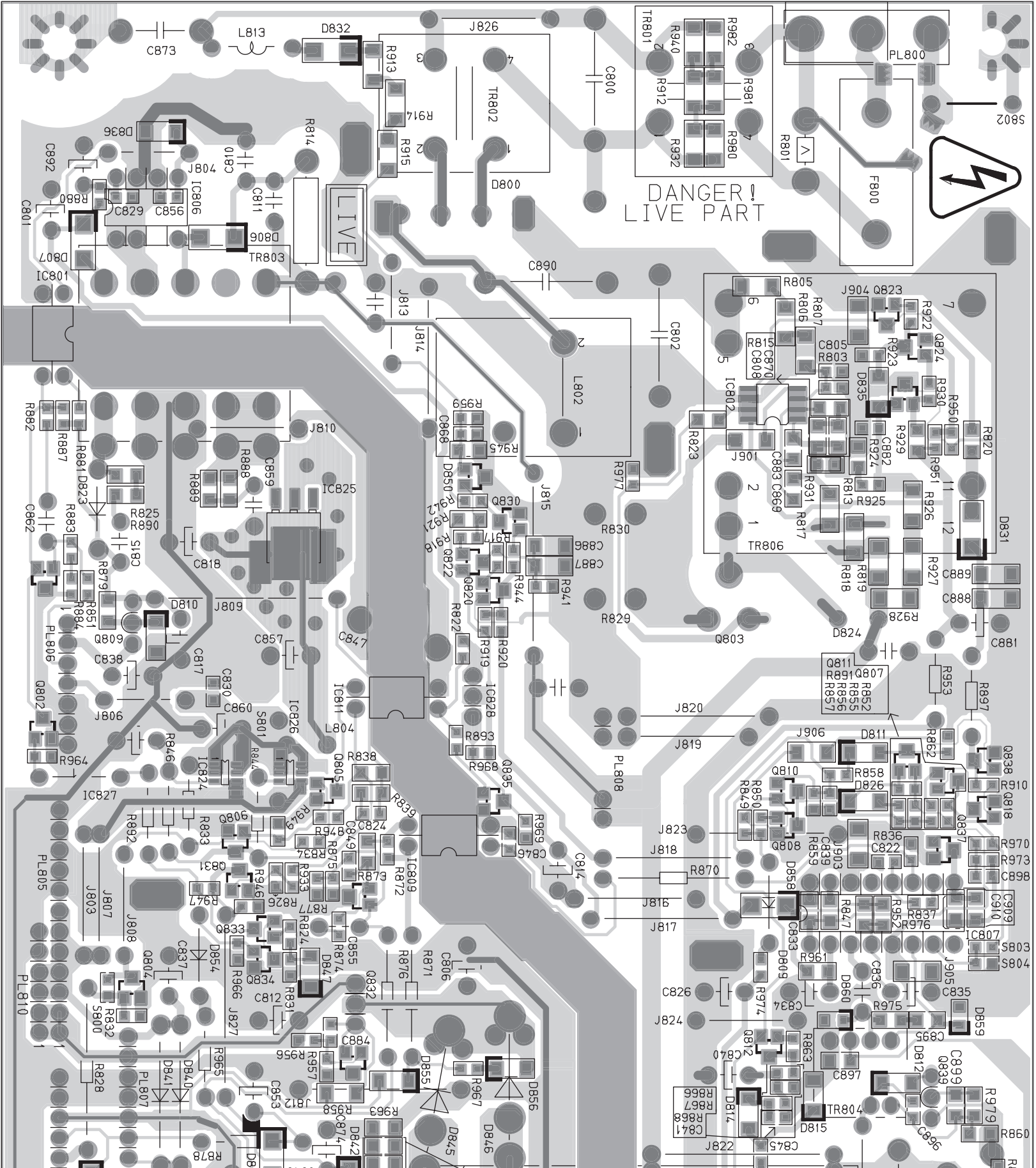
MAIN PWB PATTERN [SOLDER SIDE]

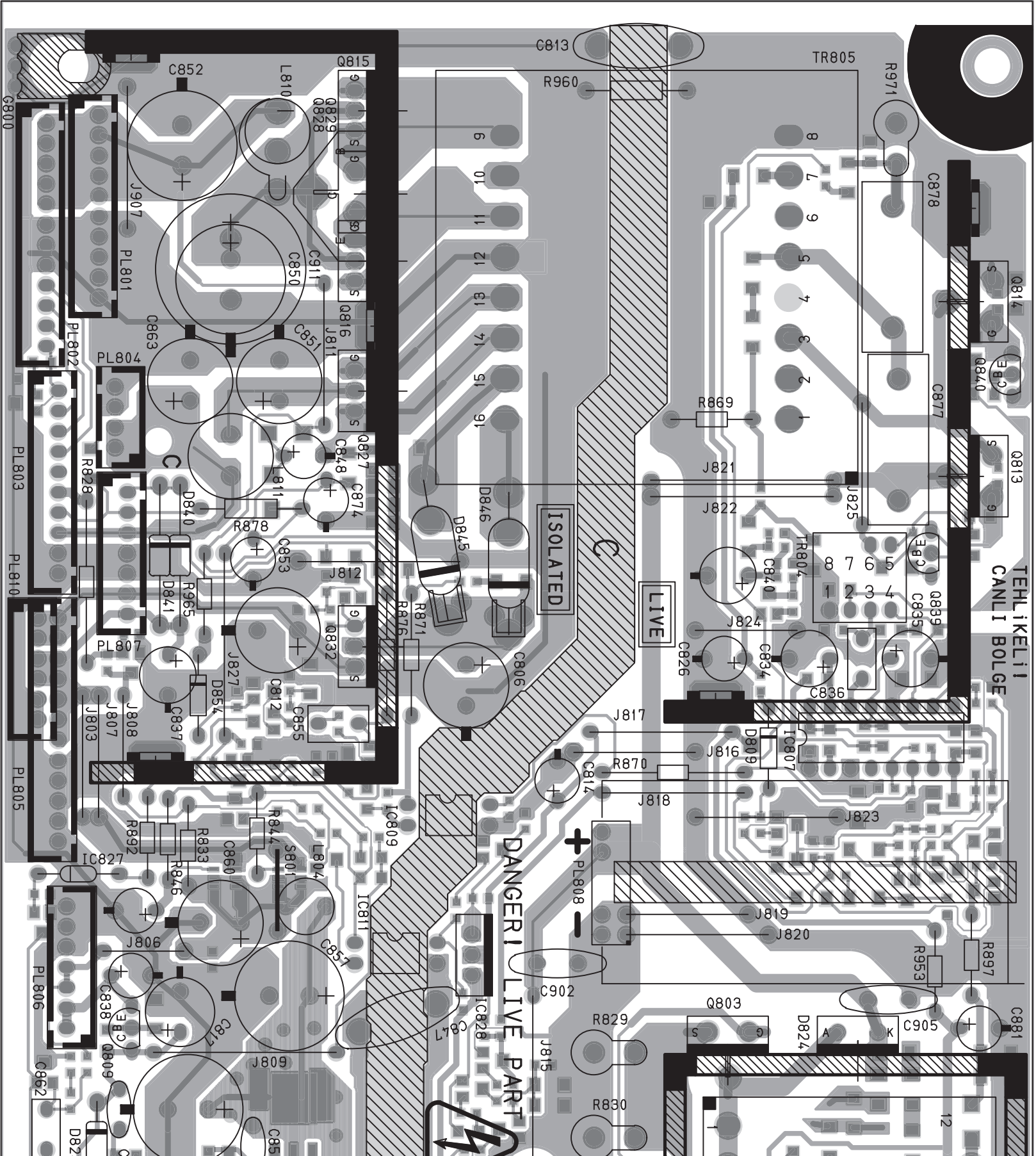


MAIN PWB PATTERN [PARTS SIDE]

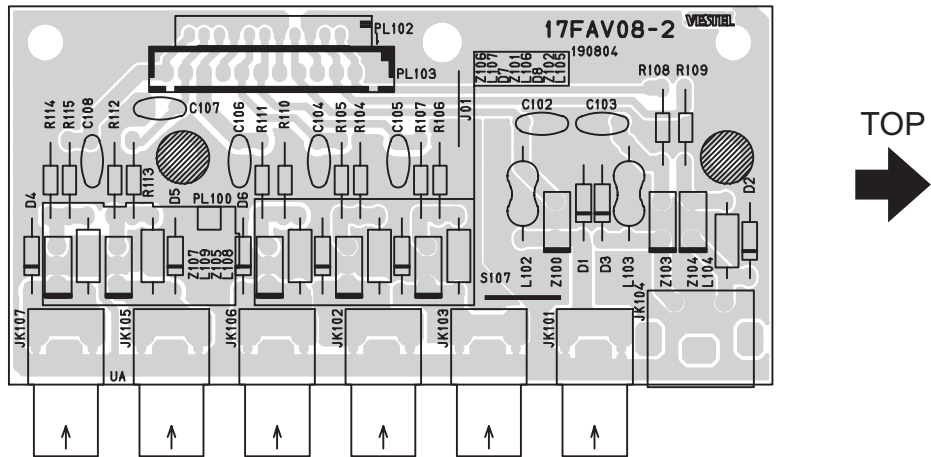


POWER PWB PATTERN [SOLDER SIDE]

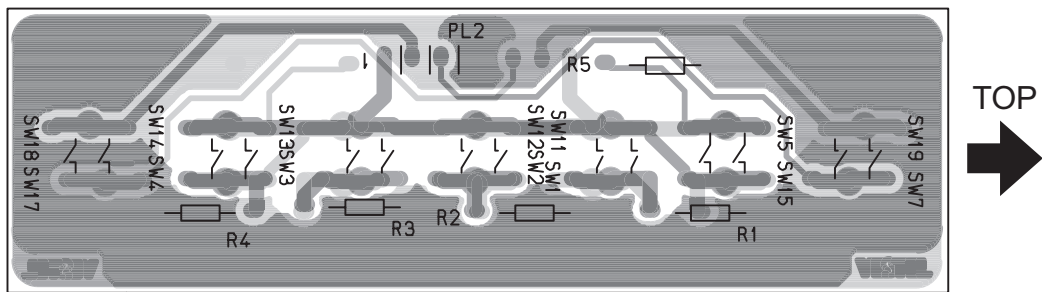




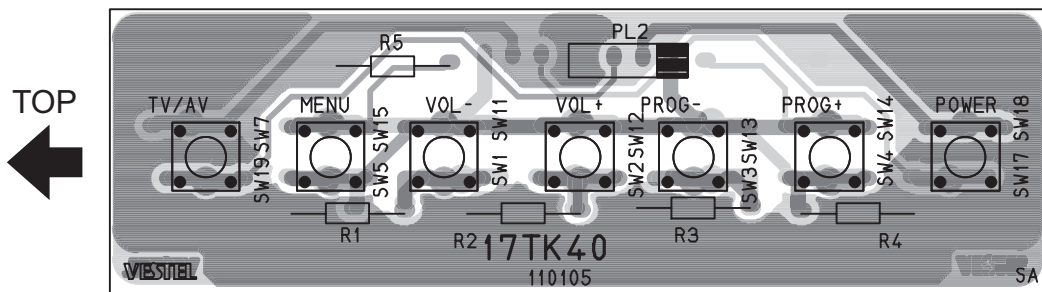
AV JACK PWB PATTERN



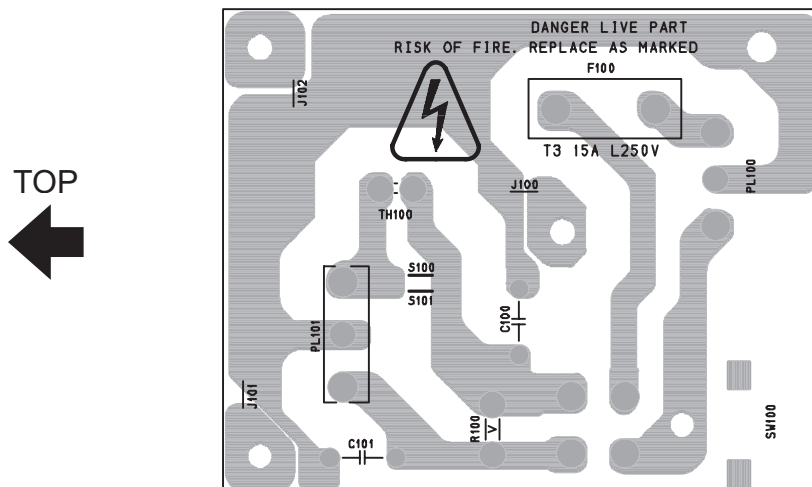
SIDE CONTROL PWB PATTERN [SOLDER SIDE]



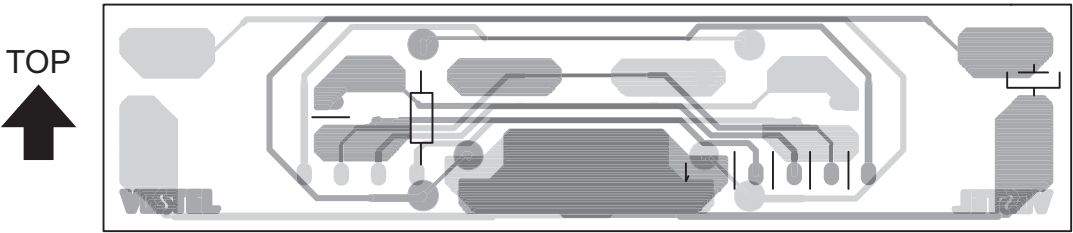
SIDE CONTROL PWB PATTERN [PARTS SIDE]



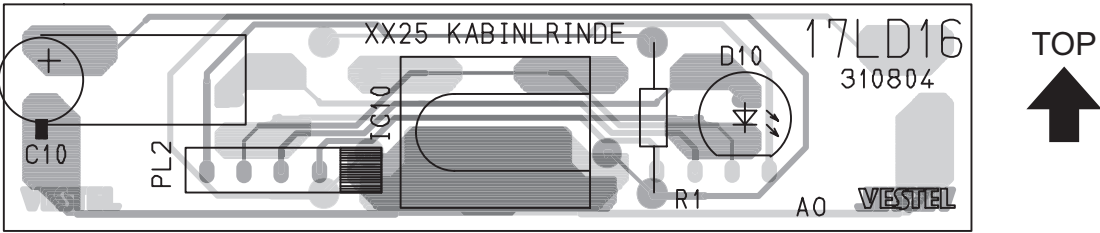
SWITCH PWB PATTERN



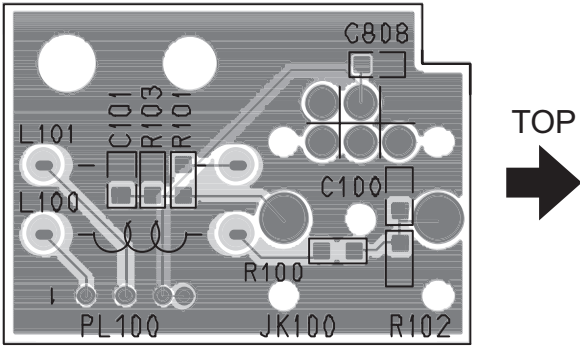
LED PWB PATTERN [SOLDER SIDE]



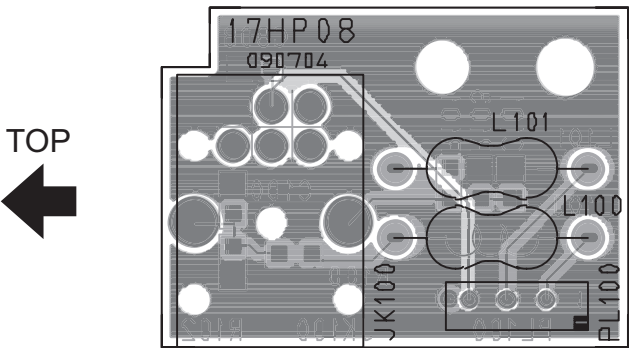
LED PWB PATTERN [PARTS SIDE]



HEADPHONE PWB PATTERN [SOLDER SIDE]



HEADPHONE PWB PATTERN [PARTS SIDE]





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